

1190

1200

MINOR

1273

FEB 16/83

LD A,

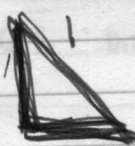
1214

1215

30x3



1
2
2
2
2

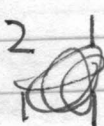


2 1

2 1

2 1

2 1

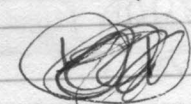


2 1

2 1

2 1

2 1



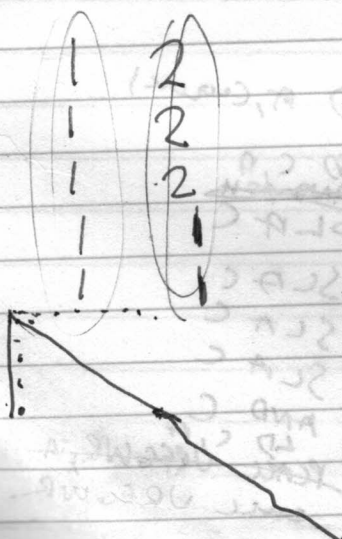
2
2
2
2

2 1
2 1
2 1
2 2



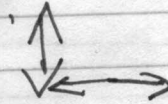
MARCH 28-30

COMPUTER GRAPHICS



$\frac{4}{5}$

$\frac{5}{8}$



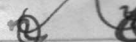
$\frac{1}{2}$

1 2

1 2

1 2

2 2



5 8

1 2

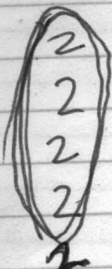
1 2

1 2

1 2

1 2

5 8



2 4

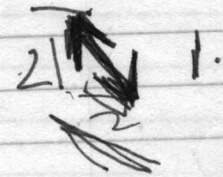
2 1

2 1

2 1

2 1

2 2



218

213

2

5

84

51

5555

5

51

5

55555

LD A, (0000)

LD C, A
~~AND B, H~~
SL A, C

SCAC

527

SLA C

AND C

LD C

~~PEACE~~

ewell

10

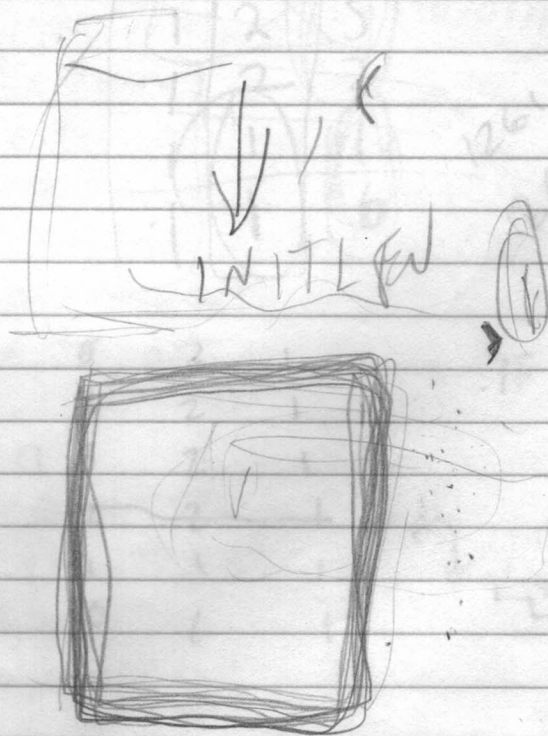
THINGS TO DO

- ✓ 1 BOB GOING UP ^{POW} LADDERS
- ✓ 1 BOB TRANSPORTING
- 2 ~~BOB~~ MOVING PLATFORMS
- ✓ 1 MOVING MUTANTS
- 7 ~~BOB~~ SHOOTING FROM CANNON
- 4 BOB USING MOVING / STATIONARY PLATFORMS
- 3 BOB GETTING OBJECTS / NEUTRALIZING MUTANTS
- ✓ 5 BOB DYING
- 9 NOISE

THINGS DONE

- BOB GOING SIDE TO SIDE
- BOB JUMPING
- BOB GOING DOWN SLIDES

SIDE
LADDER
CANNONS
MOVING PLATFORMS
TRANS



TRADJ

LIFADJ

CANADJ

COVER VANDUM.

TRADJ

2000

2000

FEB 23/94

ROUTINES NEEDED

✓ CHKCOOR GIVEN LTOPX
BOBSX
LIMIT

✓ CHKPER GIVEN LTOPX, BOBSX
✓ CHKNTZ

HL, TRADJ

LD B00, (TRADJ)

LD B00

SET

ADD HL, B00

LD A, (HL)

LD (TRADJ), A

LD B00, (TRADJ)

CP C

RET Z

;

LD A, (TRADJ)

ADD A, 5

LD TRADJ, A

CP C

TRADJ

LD HL, TRADJ

INC HL

TRADJ

LD

LD

LD

LD

LD

LD

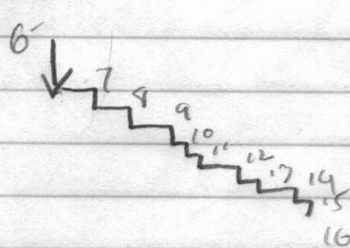


126
126
127

7F 85
98

24
31

5 2 1
4 2 1
3 2 1
~~2 2 1~~
1 1 1
0 1 1



19

A7 99

13

7F 90

TRADJ

~~TRADJ~~ LIFADJ
CANADJ

(3)

TRATBL%

28H, 189, 28H, 8B

FEB 23/84

TRANSPORTERS

~~LD A, TRATBL~~

LD A, (TRLEV)

AND A

RET Z

;

LD HL, TRATBL

LD BC, (TRLEV)

LD B, 0

SHA C

ADD HL, BC

LD A, (HL)

LD (TRGOX), A

LD DE, (TMPY)

CP C

RET Z

;

LD A, (TRGOX)

ADD A, TRADJ

LD BC, (TMPX)

CP C

JR C, NXTTR

LD HL, TRATBL

INC HL

TRLOOP:

LD A, (HL) → AND A

LD BC, (TMPY) RET Z

CP C

JR Z, ONTRAN

INC HL

INC HL

JR TRLOOP

INC HL (HL)
LD (TRGOX), A

; HERE IT'S THE SAME LEVEL

ONTRAN:

ASIGNB. (TRANSPORT), (TRNE

ASIGNB. (TRANSPORT), (TRNE

ASIGNB. (TRFRX), (TMAX)

ASIGNB. (TRFRY), (TMY)

RET.

TRLEN

TRCOUNT

TRATOL

TRGOX

TRGOY

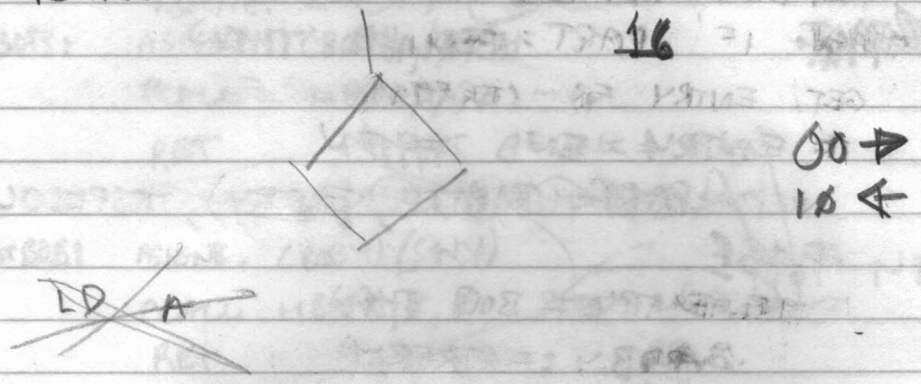
TRFRX

TRFRY



NOW WE HAVE ALL Y'S AND X'S

TRANSPORT:



LD A, (TRGO Y)
LD B, (BOBY)
SUB C
LD (TMP Y), A
~~LD A, (TRGO Y)~~

TRANSPORT PATTERN

WE'LL FEED FROM A TABLE
SO'S I CAN CHANGE IT LATER.

MATRIX: DW FOURTH, THIRD, FOURTH, THIRD, FOURTH, THIRD,

27-30

39-45

PSEUDO TRANS

TRFRPTR

TRGOTR

```

IF IF PART = IEHATR THEN
  GET ENTRY FROM TRFRMTR
  IF ENTRY = END THEN
    PART = MATR, TRSPLOL
  ELSE
    IF ENTRY = BOB THEN
      BOBY := TRFRY
      CALL MBSR, 0, 0
    ELSE
      CALL LPTNR, (ENTRY)
      CALL RIDBOB
    ENDIF
  ENDIF
ELSE
  GET ENTRY FROM TRGOTR
  IF ENTRY = END THEN
    BOBY := TRGOTR
    BOB-STATUS := OK
  ELSE
    IF ENTRY = BOB THEN
      BOBY := TRGOTR
      CALL MBSR, 0, 0
    ELSE
      CALL LPTNR, (ENTRY)
      CALL RIDBOB
    ENDIF
  ENDIF
ENDIF
ENDIF

```

COMPUTER + SAWAKE NEWS

MOWER LABELS

BOB DISAPPEARS AT DPH 4

BUT NOT ANYTHING ELSE.

LAD TAB

S&I TAB

TRR TAB

RIDBOB:

ASGNB. (SNY), (BOB)

ASGNB. (BOB), DPH

PCALL MBSR, 0, 0

RET

RESBOB:

ASGNB. (BOB) (SNY)

PCALL MBSR, 0, 0

RET

NOT NECESSARY

TRBOB

BOBY

MBSR

LPARN

2568

256D

25

FF

FE

FB

FA

BOB 0-3

FAKE BOB

2-

37-38

5-11

39-35

FAKE BOB 1

MUTANTS 2-8

PLATFORMS 12-

MINER LABELS.

FEB 27/82

LAD TAB

SLI TAB

TRR TAB

* TSE TAB

~~CKCAT~~

~~PULL CKCAT~~

PULL CKCAT, (x), (y)

RETURNS 0 IF NONE

1 IF CATWALK OR
PLATFORM

DURING PSEUDO.

~~FOR I:=1 TO 14 DO~~

WE MUST WRITE ZEROS INTO TWO BYTES CONST
SPRITES 2, 3

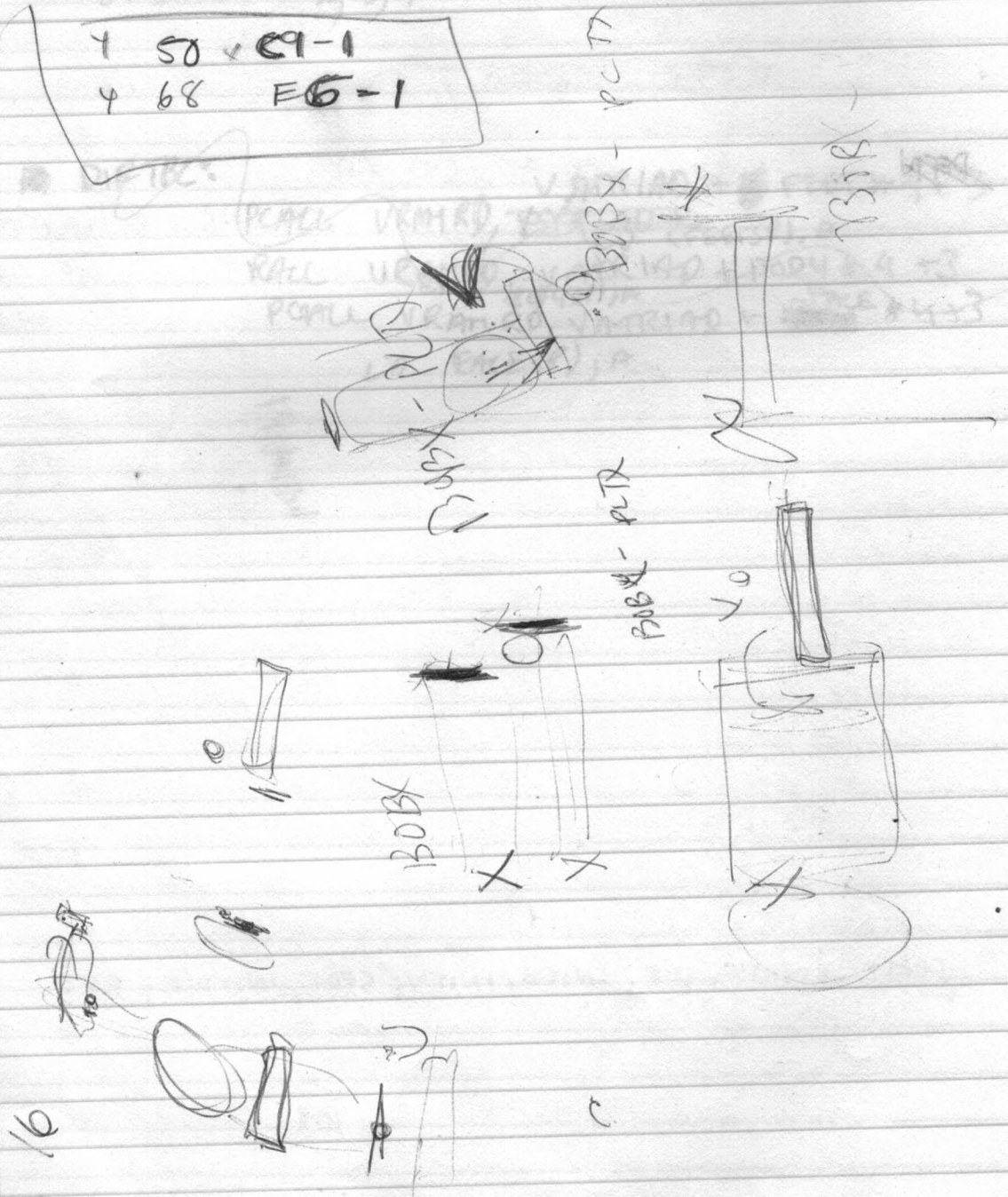
DIETBC:

PCALL VRAMRD, VATTRAD + FEET * 4 + 3
LD (FEETSP), A
PCALL VRAMRD, VATTRAD + BODY * 4 + 3
LD (BODYSP), A
PCALL VRAMRD, VATTRAD + FACE * 4 + 3
LD (FACE SP), A

TALK TO JOAQUIN ABOUT:

PUTTING ENDINGS OF SLIDES
RIGHT ON TOP OF BEGINNINGS. IN
CONNECTING SLIDES SPECIFICALLY

1 50 v C9-1
4 68 EG-1



PLATFORMS

MARCH 13/84

SETUP

PCB FORMAT (PLATFORM CONTROL BLOCK)

8 BYTES LEFTX, RIGHTX, DIR, INITX, INITY, SPAT, INITDIR, INT

ENTRY = @FIRST-ENTRY LD BC, PCVPTOR

WHILE ENTRY < 0 DO

LD HL, (BC)

LD DE, SPAT

LD A, (HL)

LD B, (DE)

CP C

JR Z, REVDIR

INC HL

LD C, (HL)

LD A, (DE)

CP C DEC HL

JR Z, REVDIR

MOVEM: INC HL

INC HL

LD A, (HL)

AND A

JR NZ, MOVPTF

LD A,

8 BYTES LEFTX, RIGHTX, DIR, INITX, INITY, SPAT, INITDIR, SPD.

10K

~~MOVIE~~ PLATFORMS

MARCH 13/84

SETUP

PCB FORMAT (PLATFORM CONTROL BLOCK)

8 BYTES LEFTX, ~~LEFTX~~, RIGHTX, ~~RIGHTX~~, DIR, INITX, INITY, SPAT, ~~INT~~ INITDIR

ENTRY = @FIRST-ENTRY LD BC, PCVPTOR

WHILE ENTRY < 0 DO

LD HL, (BC)

LD DE, SPLATS

LD A, (HL)

LD A, (DE)

CP C

JL Z, REVDIR

INC HL

LD C, (HL)

LD A, (DE)

CP C DEC HL

JP Z, REVDIR

MOVEM: INC HL

INC HL

LD A, (HL)

AND A

JR NZ, MOVPRF

LD A,

8 BYTES LEFTX, RIGHTX, DIR, INITX, INITY, SPAT, INITDIR, SPD.

10K

MAR. 27 1944

DAMS

2

TUES 27.

2

THURS. 29

10

THURS. 12

4

Wed. 18.

LG 4, (PCT 100)

20 世纪

JK 3, L6116

SR 2, 16412

U.S. State

18140

1991

10

100

PLATFORM CHECKING

MAR. 22/84

CHKPLT:

LD A, (BOBY)

LD BC, (PLTY)

CP C

JR NZ, NOTPLT

PLTLEN:

;

LD A, (BOBY)

ADD A, XADIST

PUSH AF

LD BC, (PLTY)

DEC C

DEC C

DEC C

CP C

JR NC, NOTPLT

CALL GETLEN

ADD A, C

LD C, A

POP AF

CP C

JR C, NOTPLT

ASLNS. (ONPLAT), TRUE

RET

NOTPLT: POP AF

NOTPLT: ASLNS. (ONPLAT), FALSE

RET

GETLEN:

LD A, (PLTEN)

CP 3CH

JR Z, LEN16

CP 40H

JR Z, LEN12

CP 44H

JR Z, LEN8

LD A, E

RET

LEN16: LD A, 16

RET

LEN12: LD A, 12

RET

MR 55 20 PLATFORM CHECKING WITHIN CHECKBOB. MAR. 2

PLATS:

LD A, (PLATSP)
CP 0C0H
BR Z, NEXTCHK

~~REPEAT~~

~~LD HL, (PLADATA) LD IX, (PLADATA)~~
~~LD BC, (PLATENT) LD A, CX+~~

LD B, 0

SLA C

SLA C

SLA C

ADD HL, BC ASIGNB. (ONPLAT), P

REPEAT:

LD IX, PLATSP

LD A, CX+

~~UNTIL8.~~ LD (PLTX), A

LD A, (IX+1)

LD (PLTX), A

CMLC PLTXCHK

UNTIL8. (PLTX), .EQ., 0C0H

OK.



STATIONARY PLATFORMS

MARCH . 27/84

⑥ REVPLT.

ORGDIR

```

{
  LD A, (PLTDIR)
  BIT 7, A
  RET 2, SET
  LD A, (PLTDIR)
  OR 80H
  LD (PLTDIR), A
}
  
```

STATFO:

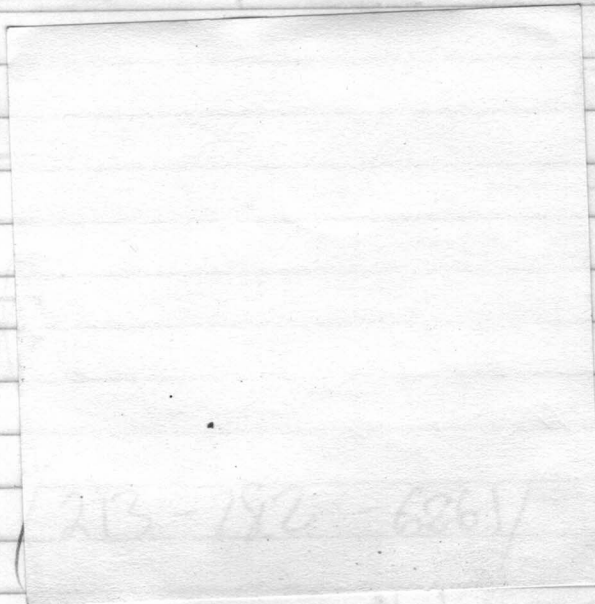
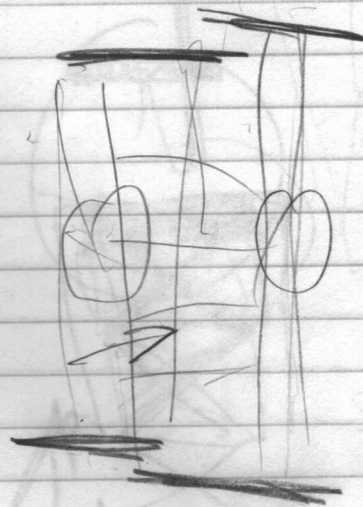
```

LD A, (PLTDIR)
OR 80H ; SET HIGH BIT
LD HL, (PLTDIR)
LD (HL), A
LD A, 80H
LD HL, (PLTDIR)
OR (HL)
LD (HL), A
RET LD 2 (PLTDIR), A - 6861/
  
```

(1-0)

0-10

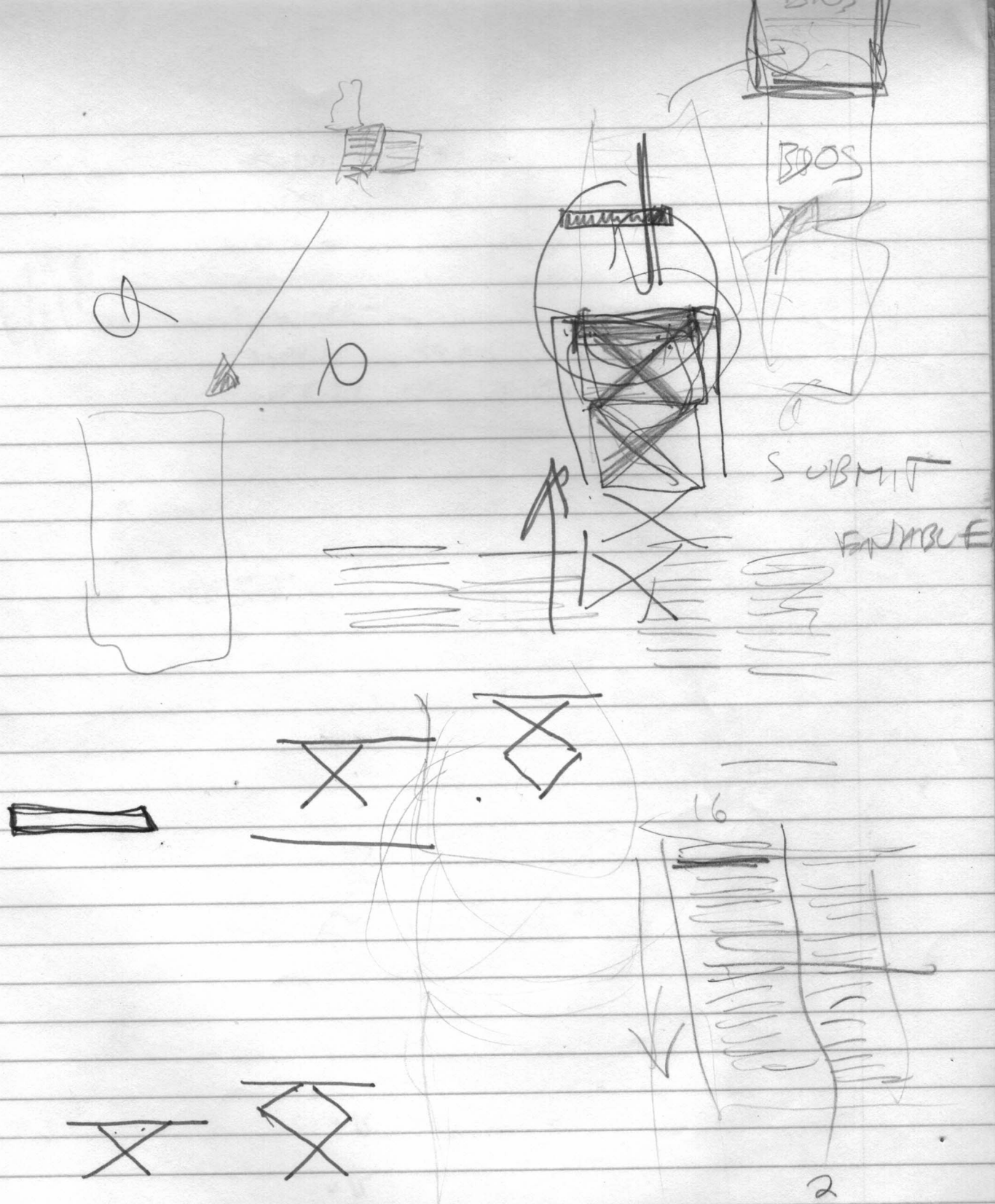
DISPLAY BOB TASK
KEYBOARD TASK
PLATFORM MOVE TASK
MONSTER TASK
TICK TASK?



SHIFT

(1-0)
0=10

1st RATE = 10
17th RATE = 10



1ST BYTE = 0
17TH BYTE = 16

MR. DO 27.00

TIME FLOT 27.00

LOOPING

CARNIVAL

VENTURE

POPEYE 39.00

ZORK III C64 39.50

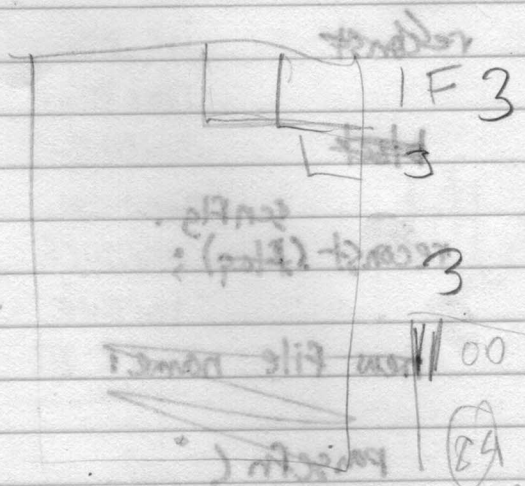
90h 10x

10 x 10 = 100

```
main()
{
    printf("Enter file name:");
    scanf("%s", newFile);
    zorkI zorkI(newFile);
    printf("Enter file name:");
    while (answer != 'y')
    {
        printf("black [y/n] A to name ");
        scanf("%s", file);
        scanf("%s", Feb[16+i]);
        printf("Is Another extent?");
        scanf("%c", getch);
        answer = getch;
        ynk = getch;
    }
}
```


1298
1309
1315
1316
1317

10 x 10 = 100
10 x 10 = 100



1325

1331

1332

1339

1337

1337

CHART
9/14

FOOBAR MACRO ARG1, ARG2, ARG3, ARG4.

LOCAL DO-IT, KDATA

JB DO-IT

KDATA: DS ARG1, ARG2, ARG3, ...

DOST: CALL ROUTINE

ENDM

PCALL CKLIM

A - 0 OK
- 1 COLLISION