

main.c

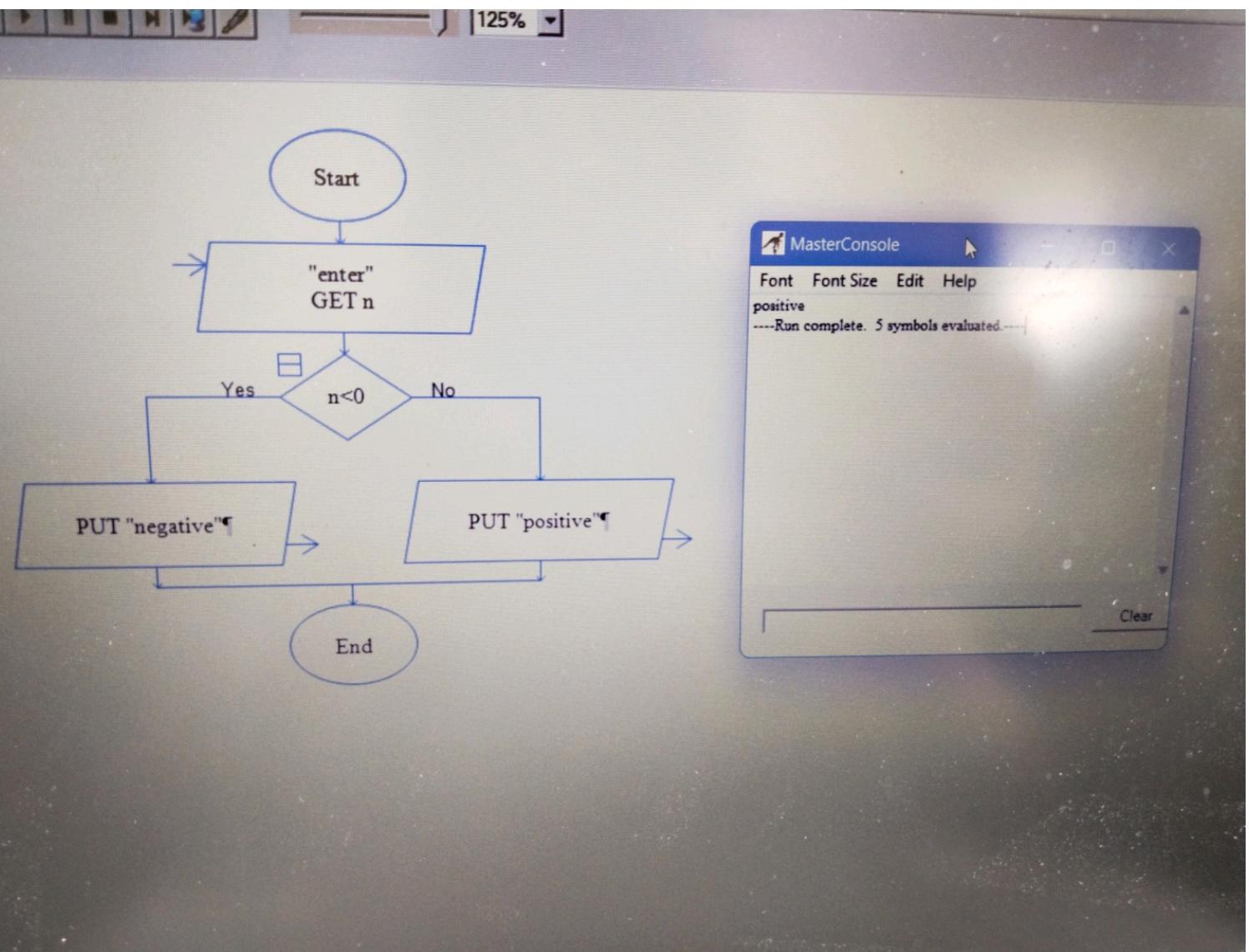
```
1 #include <stdio.h>
2
3 void main() {
4     int n;
5     printf("enter the number");
6     scanf("%d",&n);
7     if (n>0){
8         printf("positive");
9     }
10    }else {
11        printf("negative");
12    }
13 }
```

input

```
enter the number-5
negative
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```

is * GDB



21. ~~DATA~~

Step 1: Begin

Step 2: Declare variable n

Step 3: if n is greater than 0 then print
"positive" else print "Negative".

Step 4: Stop

Step 1: Begin

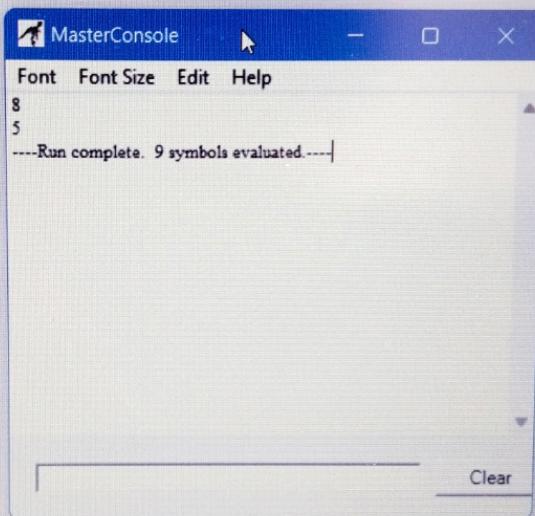
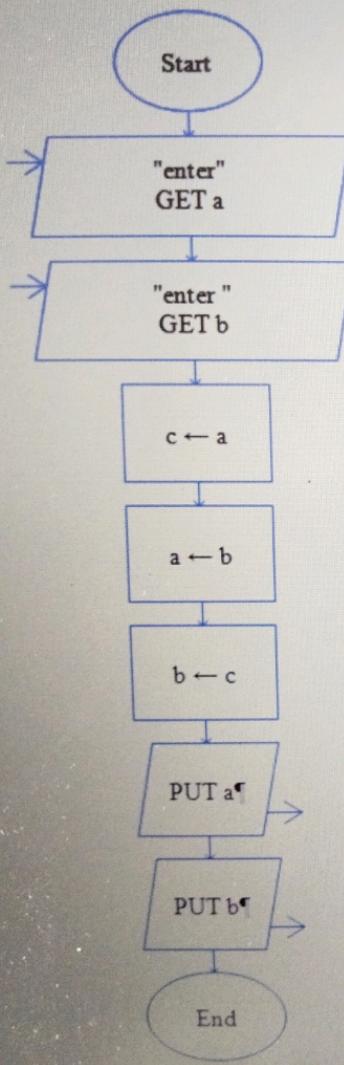
main.c

```
1 #include <stdio.h>
2
3 void main() {
4     int a,b;
5     printf("enter the two number a,b ::");
6     scanf("%d",&a);
7     scanf("%d",&b);
8     int t=a;
9     a=b;
10    b=t;
11    printf("\n a= %d",a);
12    printf("\n b= %d",b);
13
14 }
```

Input

enter the two number a,b ::5 6

a= 6
b= 5



Q2)

Step 1 : Begin

Step 2 : Declare variable n1

Step 3 : Declare another variable n2

Step 4 : Assign n1 to t

Step 5 : Assign n2 to n1

Step 6 : Assign t to n2

Step 7 : print n1 & n2

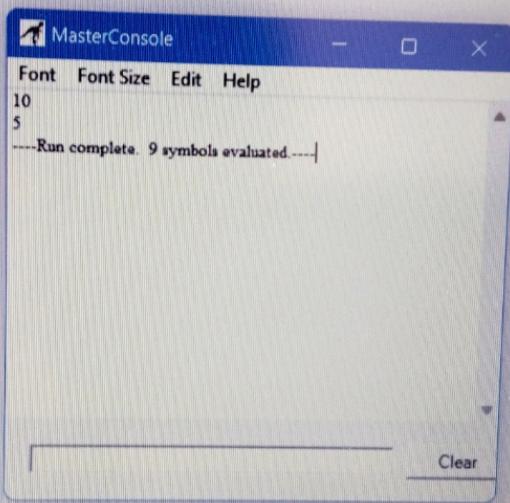
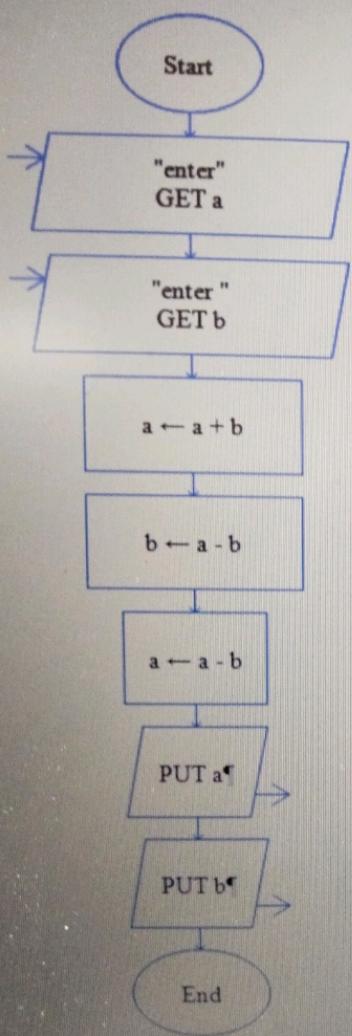
Step 8 : stop.

```
1 #include <stdio.h>
2
3 void main() {
4     int a,b;
5     printf("enter the two number a,b :::");
6     scanf("%d",&a);
7     scanf("%d",&b);
8     a=a+b;
9     b=a-b;
10    a=a-b;
11    printf("\n a= %d",a);
12    printf("\n b= %d",b);
13
14 }
```

I

```
enter the two number a,b ::5
10
a= 10
b= 5
```

input



- 23) Step 1: Begin
- Step 2: Declare variables x & y
- Step 3: Assign $x+y$ to x and $x-y$ to y
- Step 4: Assign $(x-y)/2$ to y
- Step 5: Assign $x-y$ to x
- Step 6: print x & y
- Step 7: stop

main.c

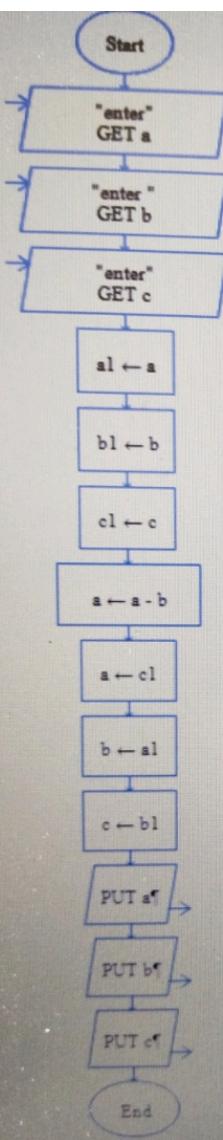
```
1 #include <stdio.h>
2
3 void main() {
4     int a,b,c;
5     printf("enter the two number a,b, c :::");
6     scanf("%d",&a);
7     scanf("%d",&b);
8     scanf("%d",&c);
9     int a1=a;
10    int b1=b;
11    int c1=c;
12    b=a1;
13    c==b1;
14    a=c1;
15    printf("\n a= %d",a);
16    printf("\n b= %d",b);
17    printf("\n b= %d",c);
18 }
```

input

enter the two number a,b, c ::5 6 7

a= 7
b= 5
b= 7

GDB ...Program finished with exit code 0
Press ENTER to exit console.



MasterConsole

Font Font Size Edit Help

Variable C1 not found!
----Error, run halted----

```

15
5
10
----Run complete. 15 symbols evaluated.----

```

Clear

94)

Step 1 : Begin

Step 2 : Declare three variables a,b,c.

Step 3 : Assign a to a1

b to b1

c to c1

Step 4 : Assign a1 to b
 b1 to c
 c1 to a

Step 5 : print a,b,c

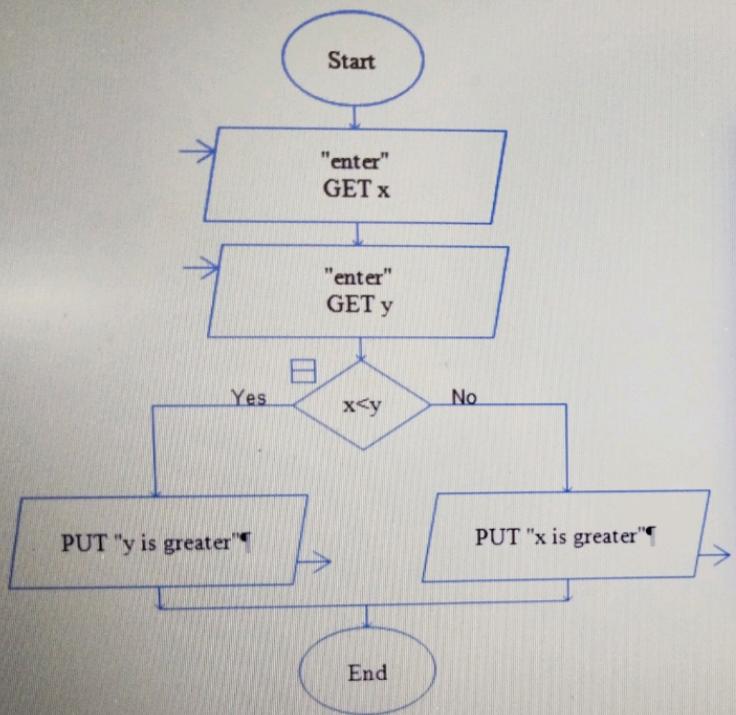
Step 6 : Stop.

main.c

```
1 #include <stdio.h>
2
3 void main() {
4     int a,b,c; I
5     printf("enter the two number a ,b  :::");
6     scanf("%d",&a);
7     scanf("%d",&b);
8     if (a<b){
9         printf("b is greatest");
10    }else
11    {
12        printf("a is greatest");
13    }
14 }
```

input

```
enter the two number a ,b  ::5 10
b is greatest
...Program finished with exit code 0
Press ENTER to exit console.
```



MasterConsole

Font Font Size Edit Help

Can't compare these values: STRING_KIND NUMBER_KIND
---Error, run halted---

y is greater

---Run complete. 6 symbols evaluated.---

Clear

The screenshot shows a window titled "MasterConsole". The menu bar includes "Font", "Font Size", "Edit", and "Help". The main area displays an error message: "Can't compare these values: STRING_KIND NUMBER_KIND ---Error, run halted---". Below this, it says "y is greater". At the bottom right is a "Clear" button.

- 5) Step 1 : Begin ~~program~~ ~~variables~~
Step 2 : Declare two (~~integers~~) a, b .
Step 3 : Check if a is greater than b or not
 if true print "a is greater"
 else
 print "b is greater".
Step 4 : Stop

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