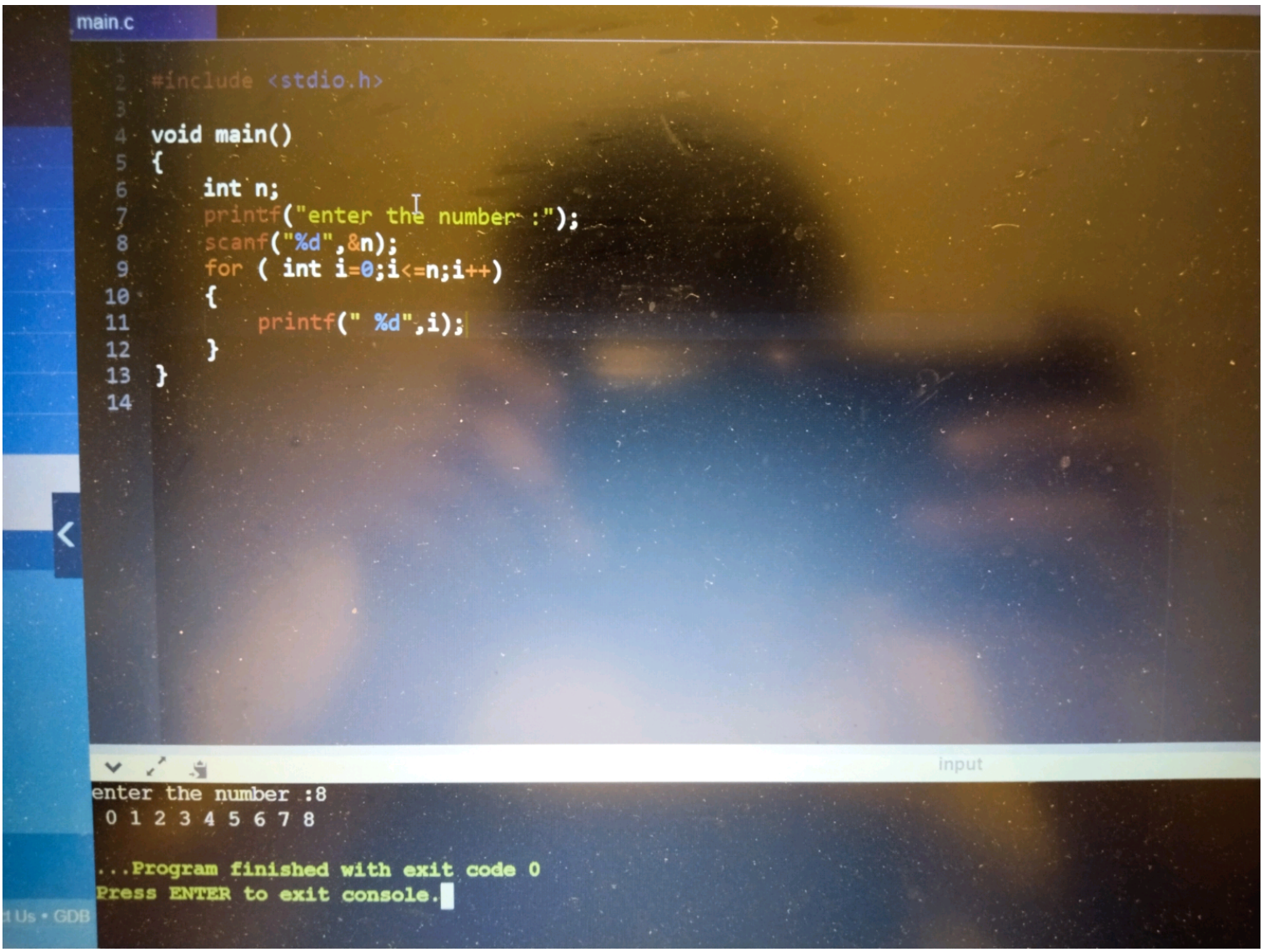
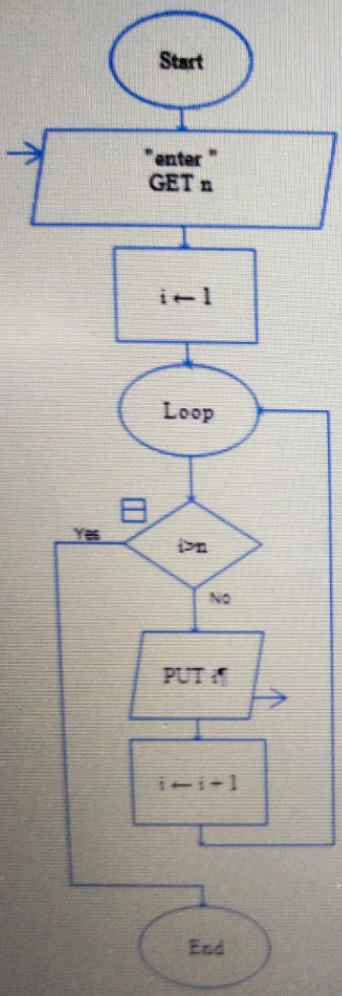
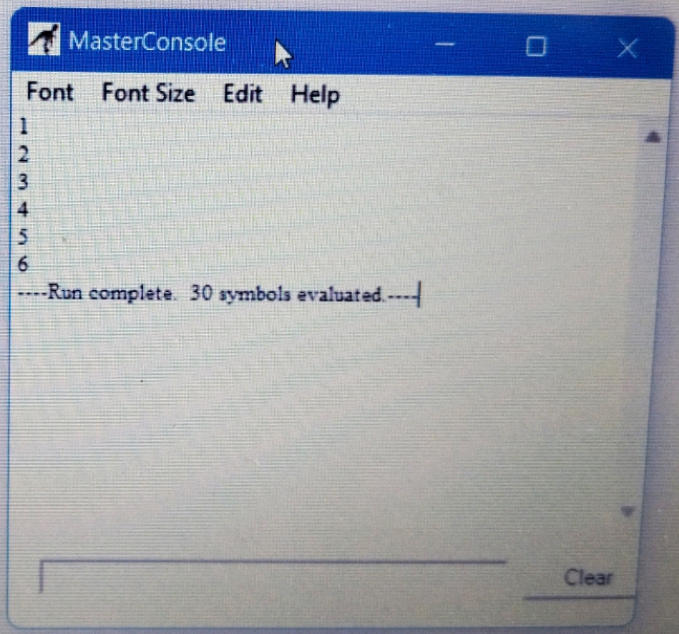

main.c
#include <stdio.h>
void main()
{
int n;
printf("enter the number :");
scanf("%d",&n);
for (int i=0;i<=n;i++)
{
printf(" %d",i);
}
}
input
enter the number :8
0 1 2 3 4 5 6 7 8
...Program finished with exit code 0
Press ENTER to exit console.


Start
"enter "
GET n
i ← 1
Loop
Yes
i>n
No
PUT i
i ← i + 1
End


MasterConsole
Font
Font Size
Edit
Help
1
2
3
4
5
6
----Run complete. 30 symbols evaluated.----
Clear

① step 1 : Begin

step 2 : declare an varible 'n'

step 3 : Assign i to 1

step 4 : Create a loop such that i <= n ~~and~~ the loop (for)
should continue

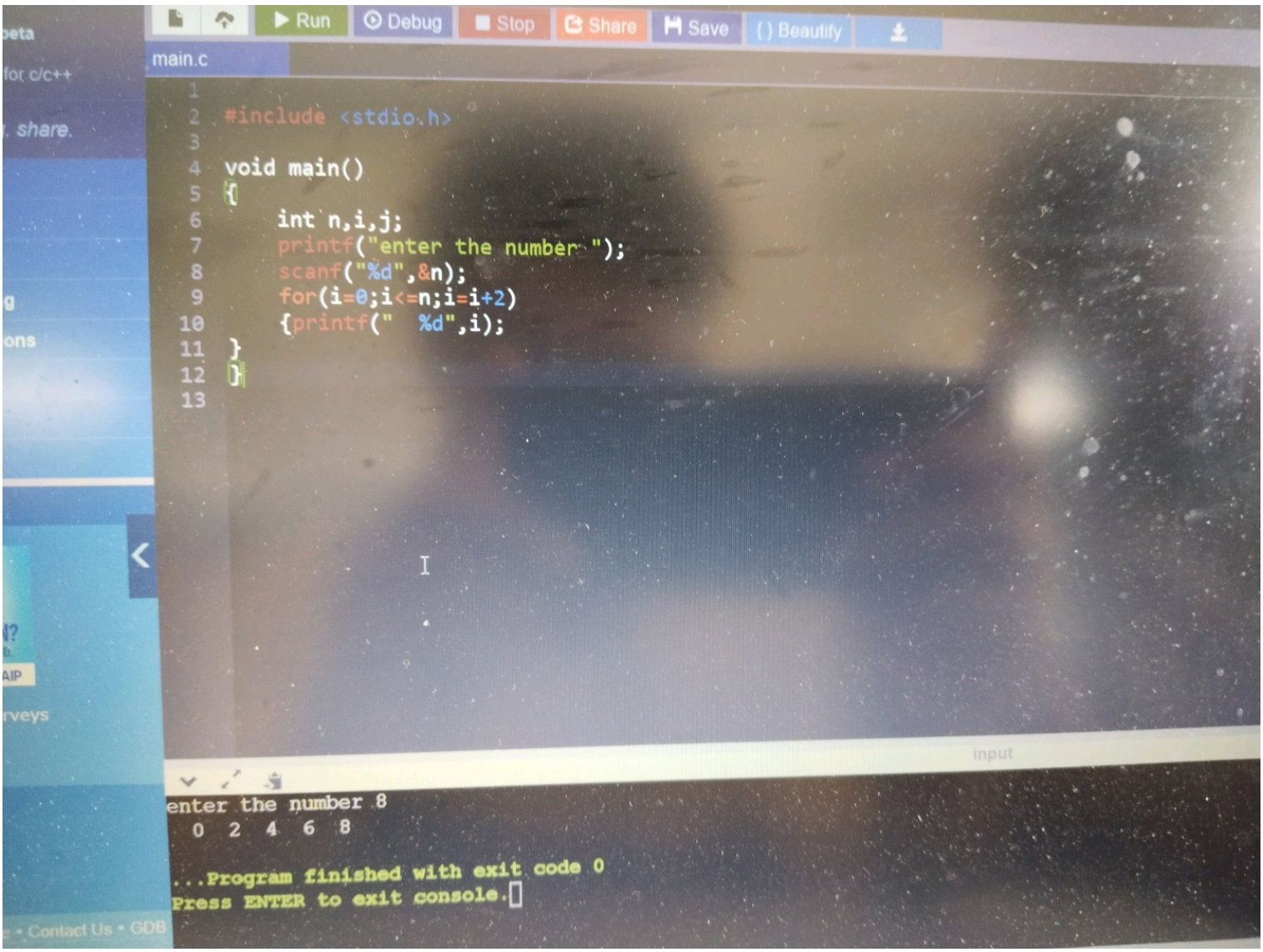
step 5 : print i value in the loop.

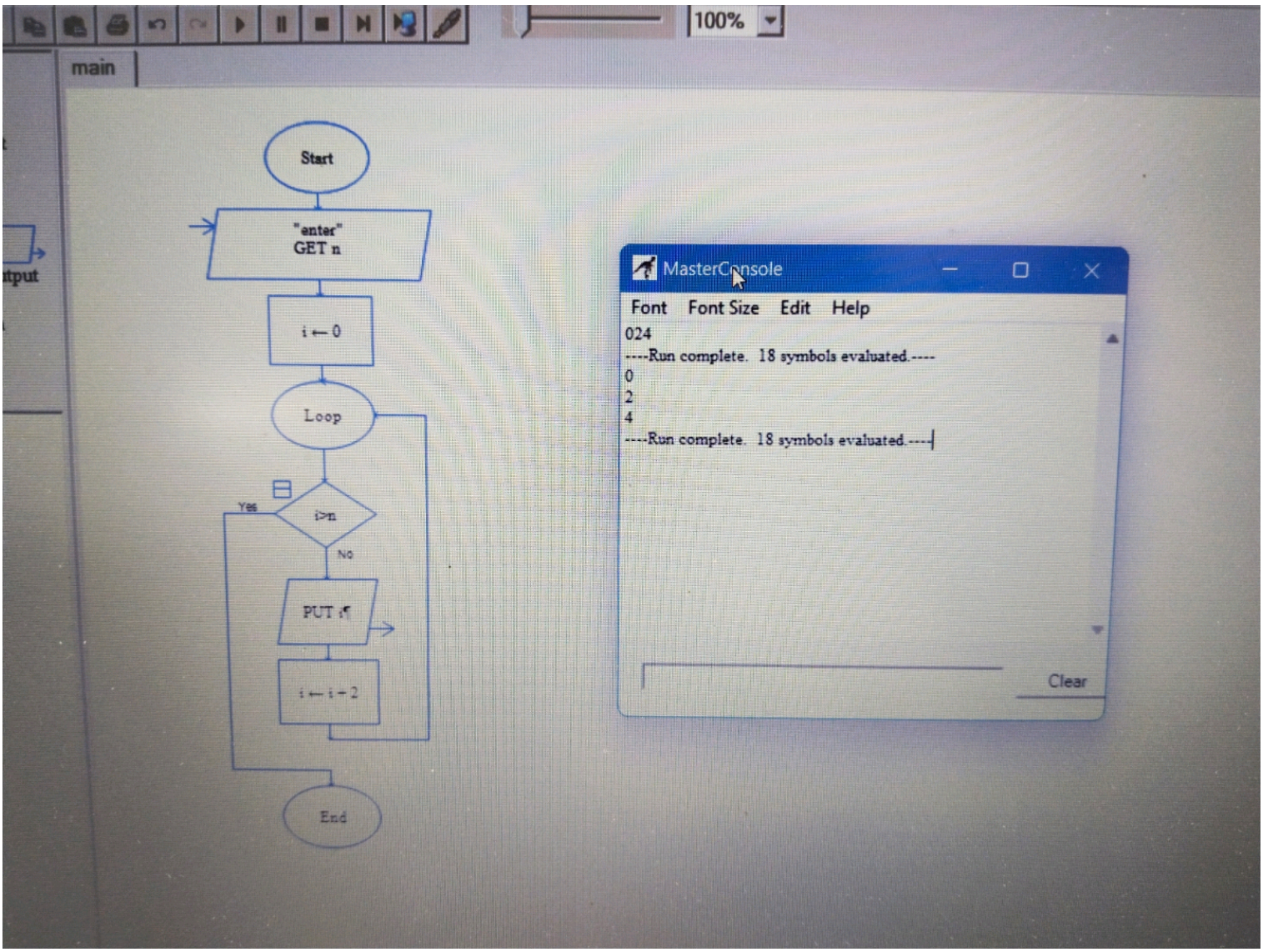
step 6 : increment the value of i in the loop.

step 7 : End.

②

step 1 : Begin


Run
Debug
Stop
Share
Save
{ } Beautify
main.c
#include <stdio.h>
void main()
{
int n,i,j;
printf("enter the number ");
scanf("%d",&n);
for(i=0;i<=n;i=i+2)
{printf(" %d",i);
}
}
input
enter the number 8
0 2 4 6 8
...Program finished with exit code 0
Press ENTER to exit console.


100%
main
Start
"enter"
GET n
i ← 0
Loop
Yes
i>n
No
PUT i
i ← i + 2
End
MasterConsole
Font
Font Size
Edit
Help
024
----Run complete. 18 symbols evaluated.----
0
2
4
----Run complete. 18 symbols evaluated.----
Clear

(2)

step 1 : Begin

step 2 : declare an variable 'n'

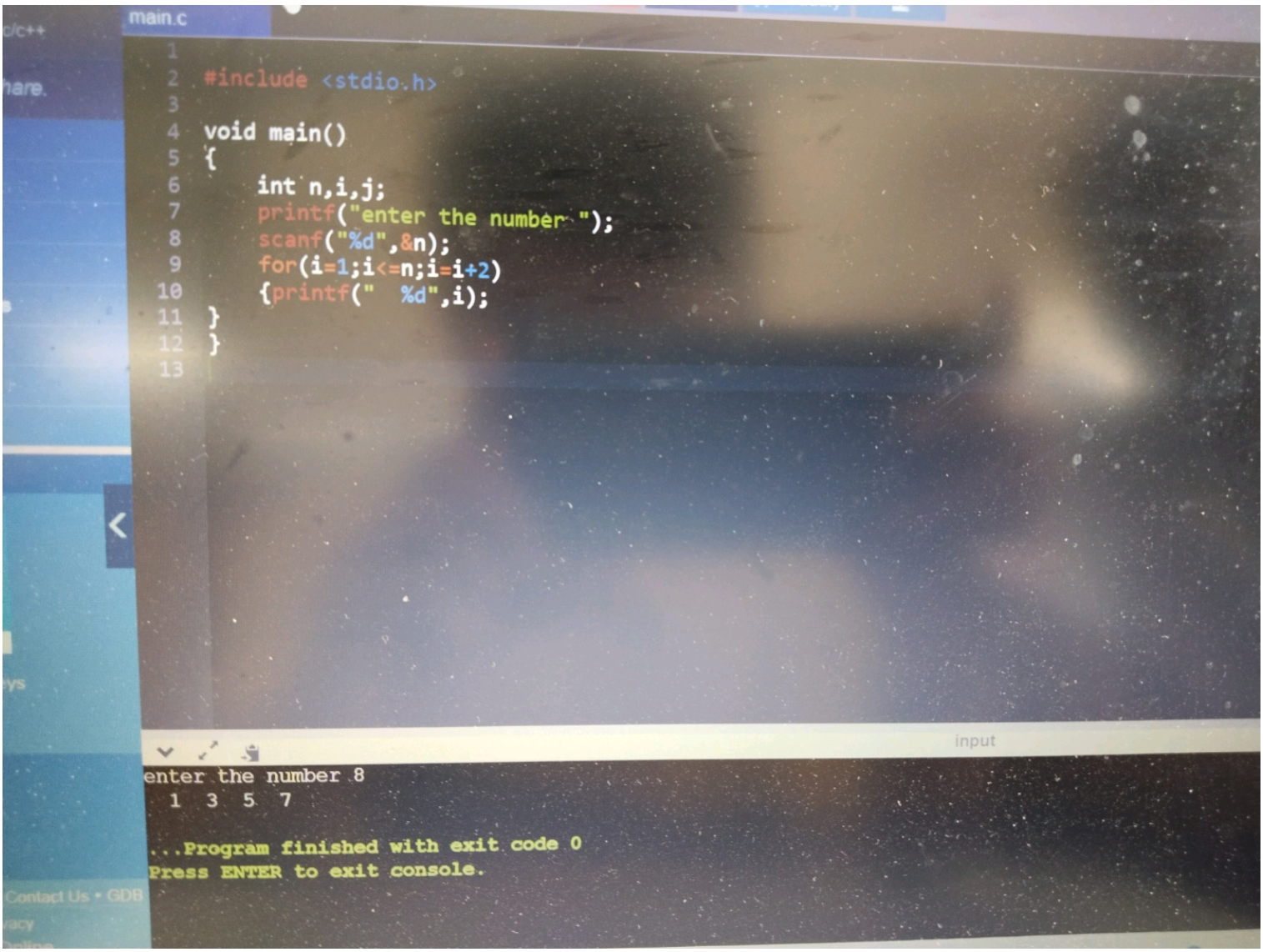
step 3 : Assign i to 0

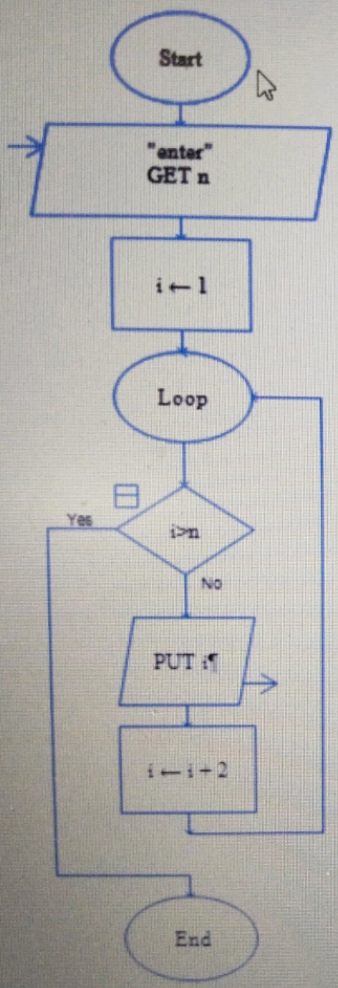
step 4 : create a loop such that i <= n the loop (for) should continue

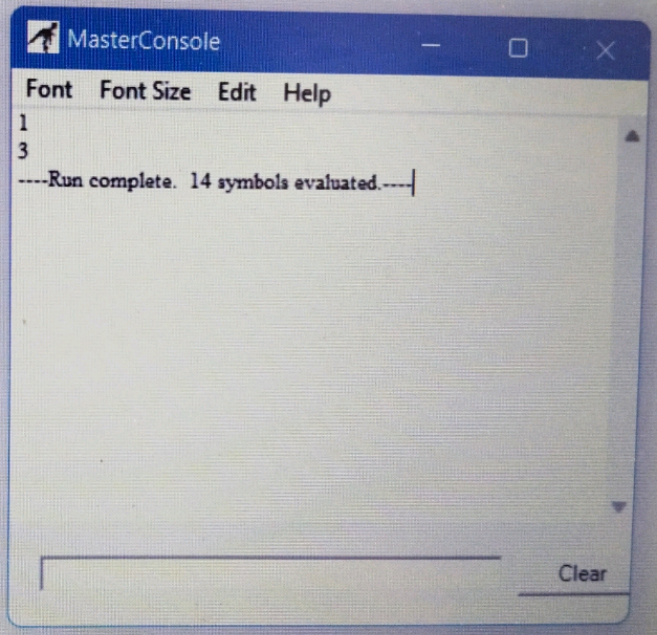
step 5 : print i value in the loop.

step 6 : increment i by 2 (i = i + 2) in the loop

step 7 : stop.


main.c
#include <stdio.h>
void main()
{
int n,i,j;
printf("enter the number ");
scanf("%d",&n);
for(i=1;i<=n;i=i+2)
{printf(" %d",i);
}
}
input
enter the number 8
1 3 5 7
...Program finished with exit code 0
Press ENTER to exit console.


Start
"enter"
GET n
i ← 1
Loop
Yes
i>n
No
PUT i¶
i ← i + 2
End


MasterConsole
Font
Font Size
Edit
Help
1
3
----Run complete. 14 symbols evaluated.----
Clear

step 1 : Begin

step 2 : Declare the variable n

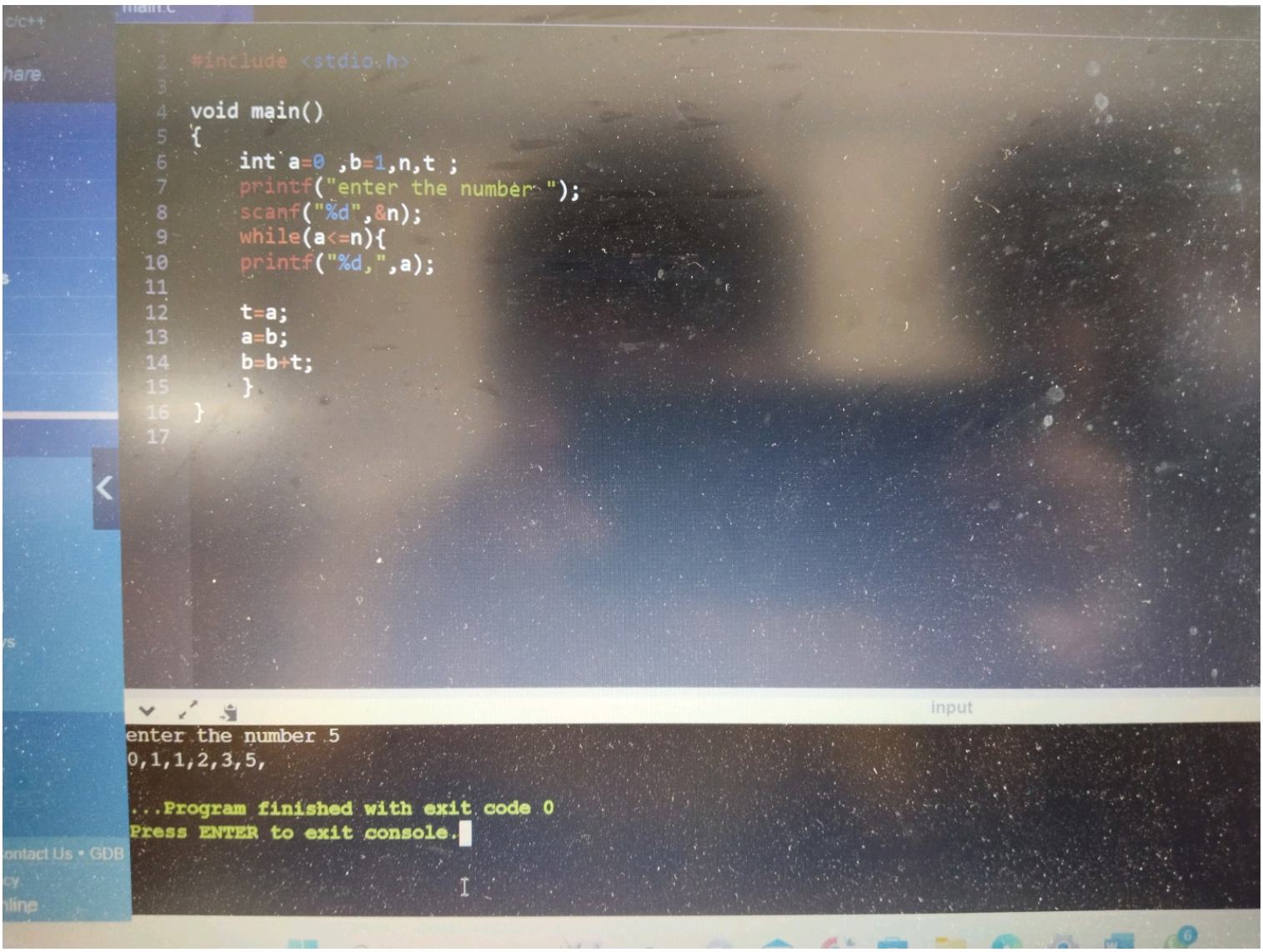
step 3 : Assign i to 1

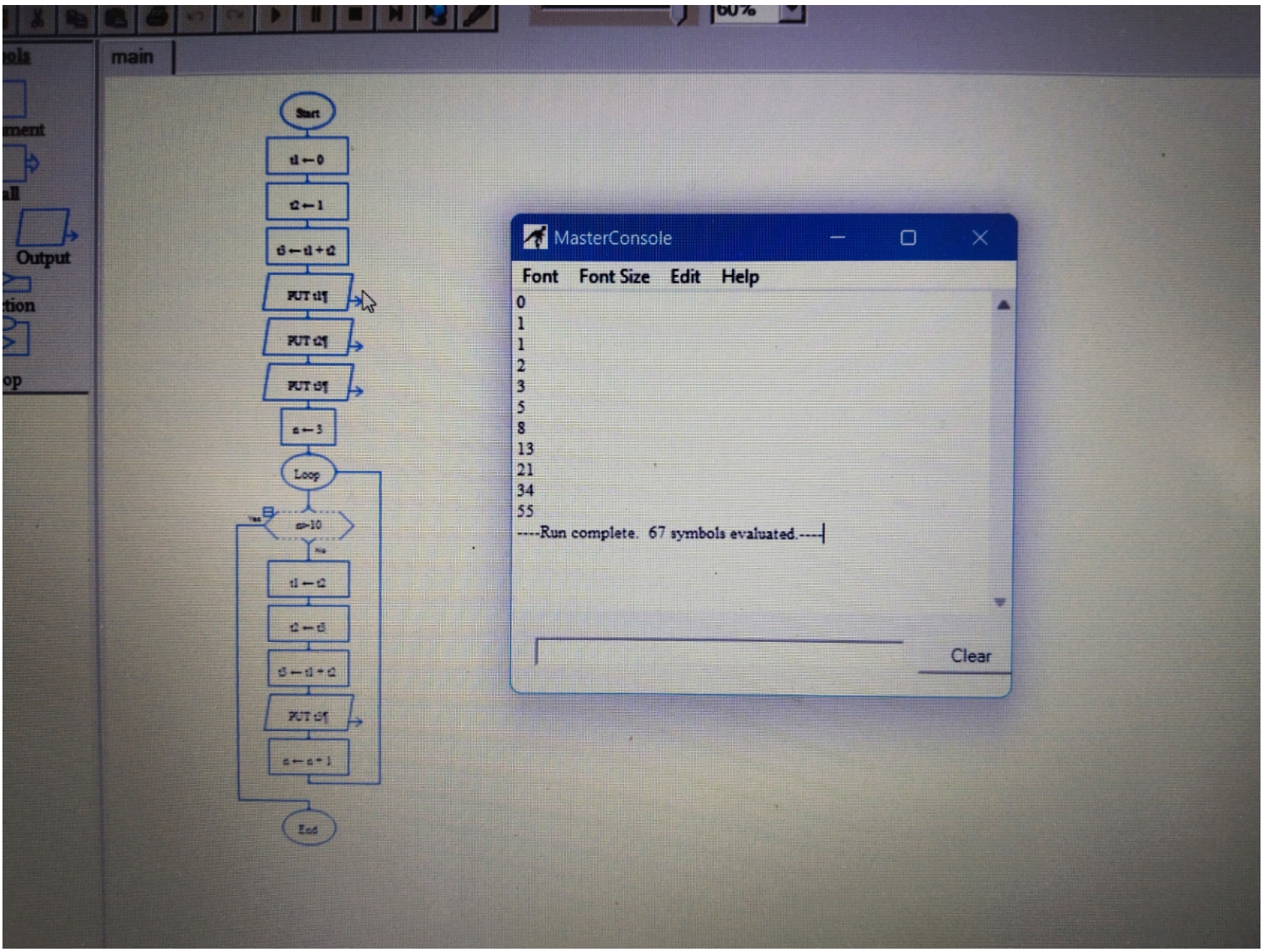
step 4 : Create a loop such that i <= 0 the loop should be continoue

step 5 : print i value

step 6 : increment i by 2 (i = i + 2)

step 7 : end.


main.c
#include <stdio.h>
void main()
{
int a=0 ,b=1,n,t ;
printf("enter the number ");
scanf("%d",&n);
while(a<=n){
printf("%d,",a);
t=a;
a=b;
b=b+t;
}
}
input
enter the number 5
0,1,1,2,3,5,
...Program finished with exit code 0
Press ENTER to exit console.


main
Output
Start
t1 ← 0
t2 ← 1
t3 ← t1 + t2
PUT t1¶
PUT t2¶
PUT t3¶
n ← 3
Loop
n>10
yes
no
t1 ← t2
t2 ← t3
t3 ← t1 + t2
PUT t3¶
n ← n + 1
End
MasterConsole
Font
Font Size
Edit
Help
0
1
1
2
3
5
8
13
21
34
55
----Run complete. 67 symbols evaluated.----
Clear

step 1 : Begin

step 2 : Declare the variable n

step 3 : Assign i to 1 and a to 0, b to 1

step 4 : for loop such that i <= n (less than or equal to n)
the loop should continue

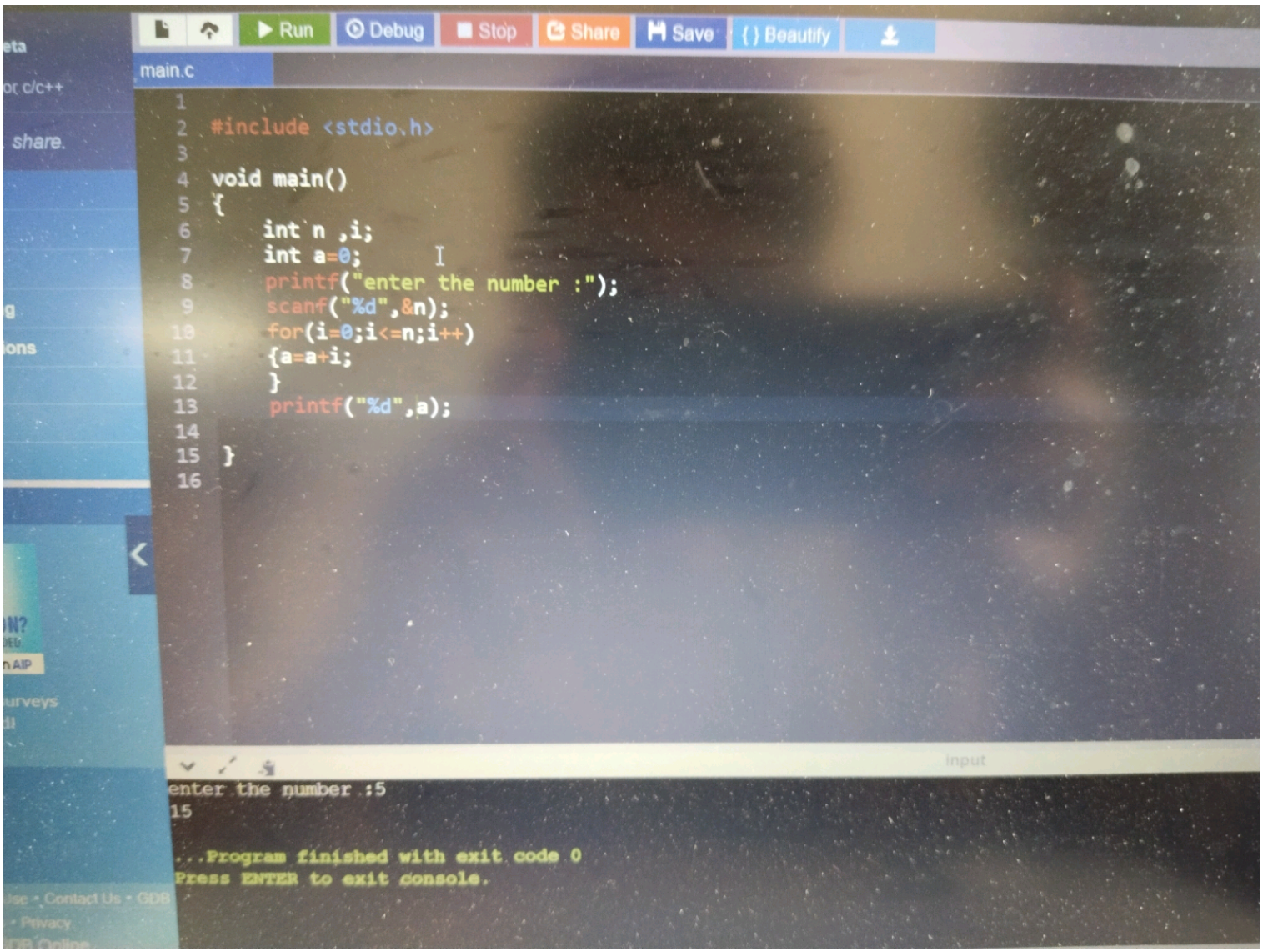
step 5 : Assign i to a and print a

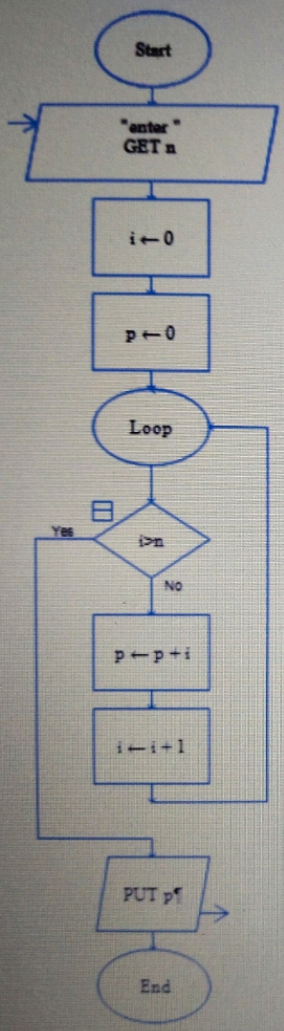
step 6 : assign a to b

step 7 : assign b to b + a

step 8 : assign i to i + 1

step 9 : Stop


Run
Debug
Stop
Share
Save
{ } Beautify
main.c
#include <stdio.h>
void main()
{
int n ,i;
int a=0;
printf("enter the number :");
scanf("%d",&n);
for(i=0;i<=n;i++)
{a=a+i;
}
printf("%d",a);
}
Input
enter the number :5
15
...Program finished with exit code 0
Press ENTER to exit console.



MasterConsole

Font Font Size Edit Help

Can't compare these values: NUMBER_KIND STRING_KIND
----Error, run halted----
0
1
3
6
10
----Run complete. 32 symbols evaluated.----
10
----Run complete. 28 symbols evaluated.----
15
----Run complete. 32 symbols evaluated.----
15
----Run complete. 32 symbols evaluated.----

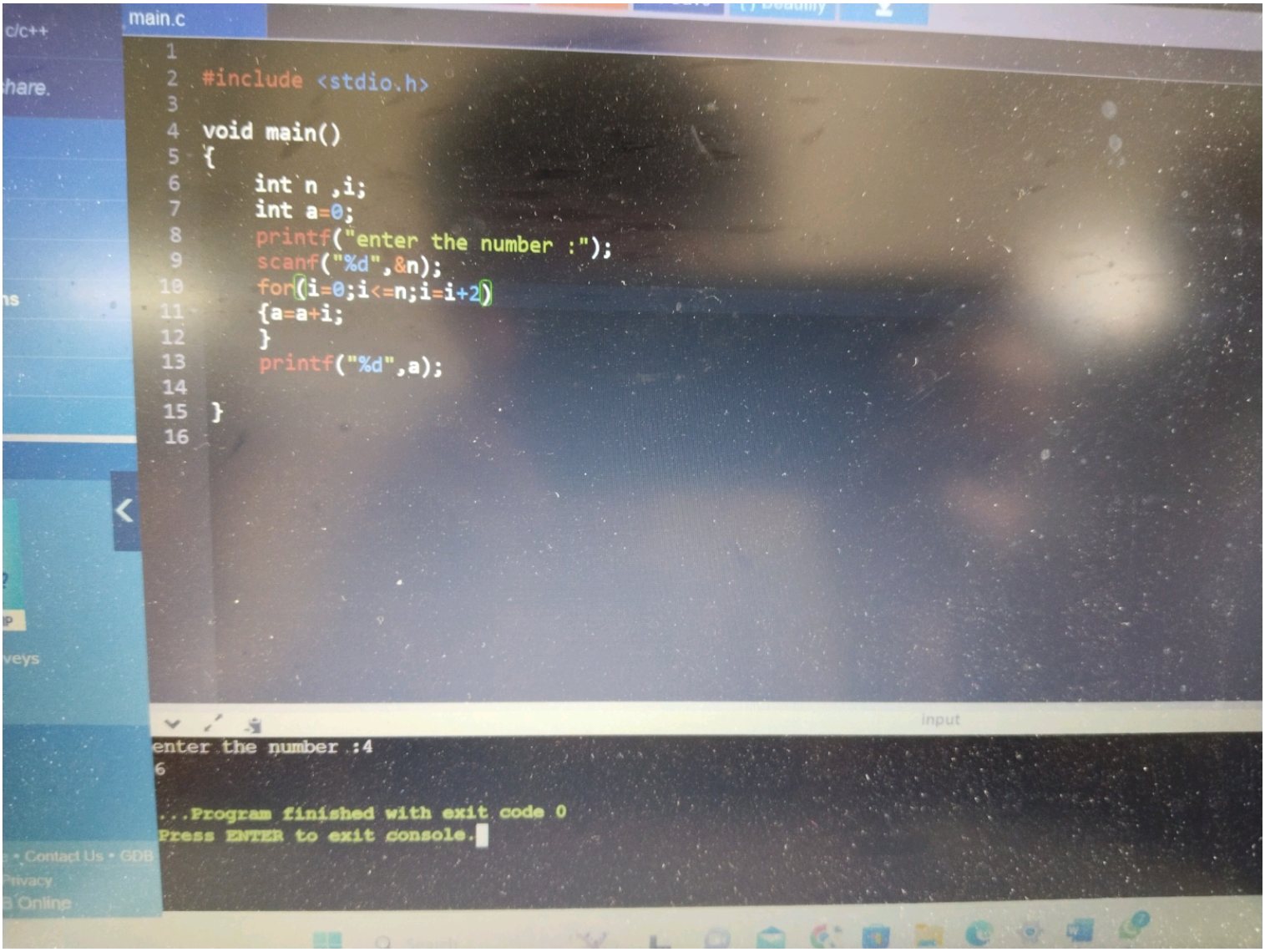
Clear

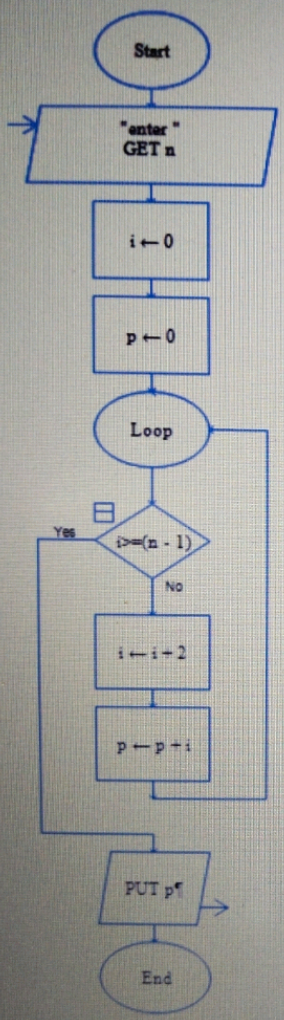
5) step 1 : Begin
step 2 : declare the variable n
step 3 : Assign i to 1 and a to 0
step 4 : Create a loop so loop contineous for i less than n
step 5 : in the loop increment a with sum of a & i ;

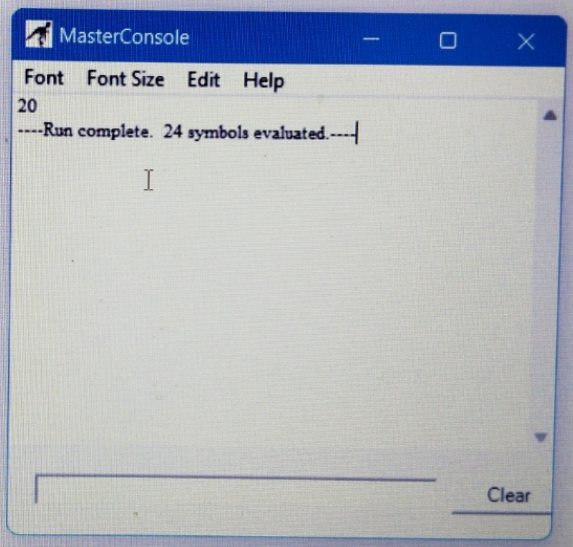
[a = a + i]

step 6 : End the loop and print a.. increment i with 1
step 7 : stop.

(1) start : Begin variable n


main.c
#include <stdio.h>
void main()
{
int n ,i;
int a=0;
printf("enter the number :");
scanf("%d",&n);
for(i=0;i<=n;i=i+2)
{a=a+i;
}
printf("%d",a);
}
input
enter the number :4
6
...Program finished with exit code 0
Press ENTER to exit console.


Start
"enter "
GET n
i ← 0
p ← 0
Loop
Yes
i>=(n - 1)
No
i ← i + 2
p ← p + i
PUT p¶
End


MasterConsole
Font
Font Size
Edit
Help
20
----Run complete. 24 symbols evaluated.----
Clear

step 6 : ... increment i with 1

step 7 : stop.

① step 1 : Begin

step 2 : Assign cos declare & variable 'n'

step 3 : Assign 4 to i and a to 0

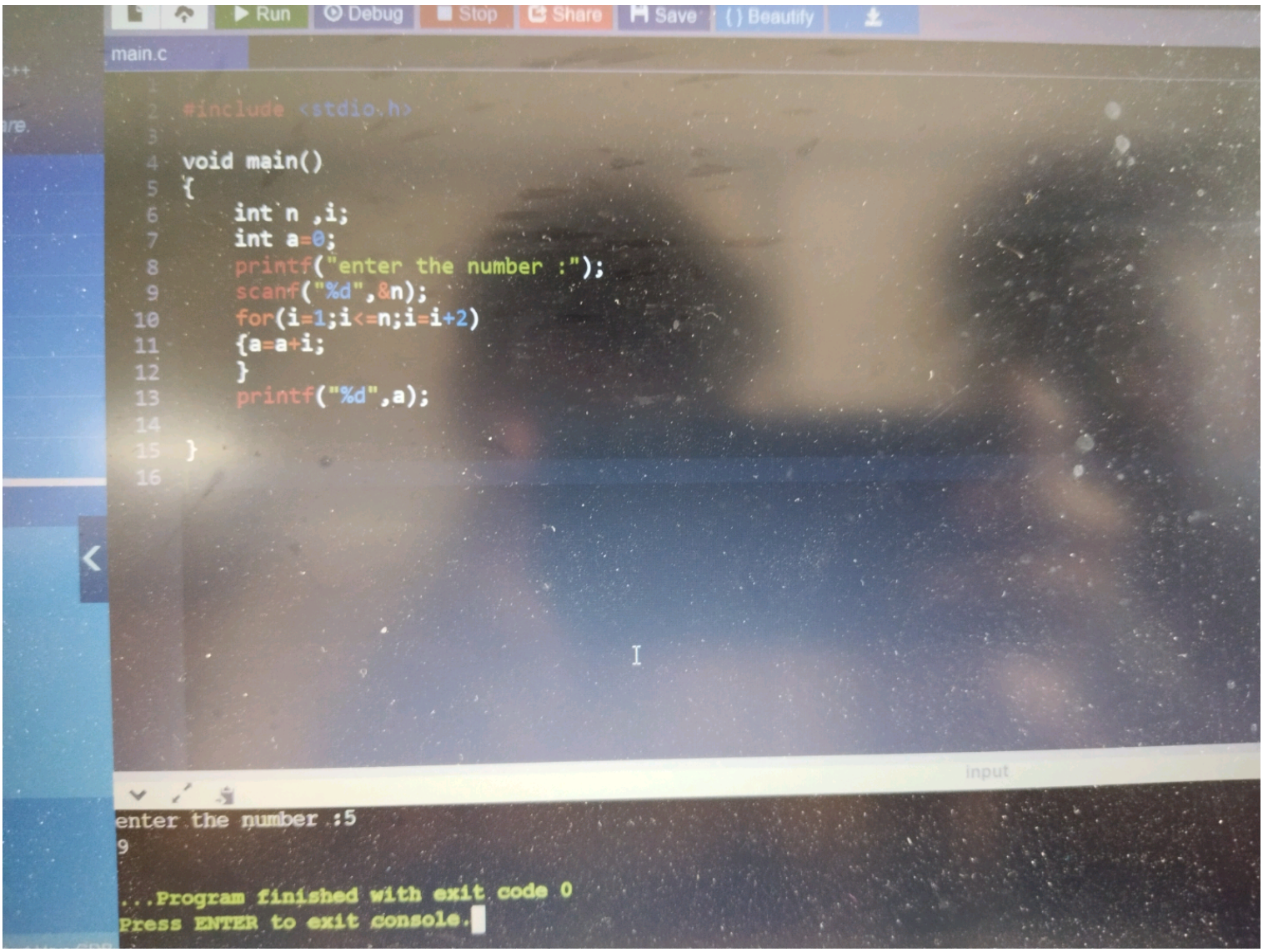
step 4 : Create a loop so loop continues for i less than n (i<n)

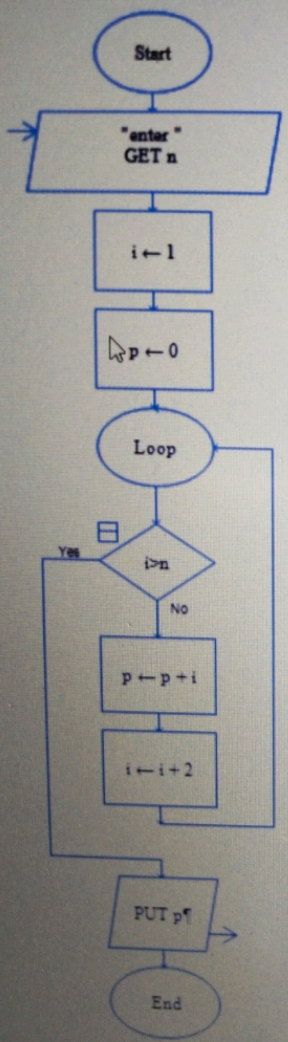
step 5 : in the loop assign a with sum of a & i ; [a=a+i]

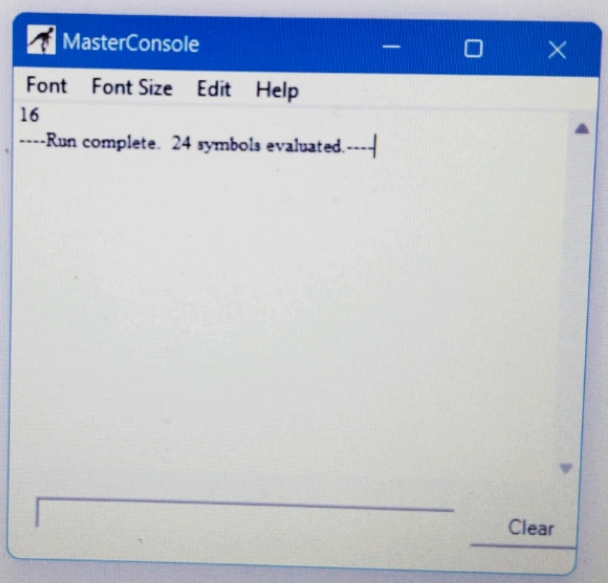
step 6 : Increment i with 2

step 7 : End the loop and print a.

step 8 : stop.


Run
Debug
Stop
Share
Save
{ } Beautify
main.c
#include <stdio.h>
void main()
{
int n ,i;
int a=0;
printf("enter the number :");
scanf("%d",&n);
for(i=1;i<=n;i=i+2)
{a=a+i;
}
printf("%d",a);
}
Input
enter the number :5
9
...Program finished with exit code 0
Press ENTER to exit console.


Start
"enter "
GET n
i ← 1
p ← 0
Loop
Yes
i>n
No
p ← p + i
i ← i + 2
PUT p¶
End


MasterConsole
Font
Font Size
Edit
Help
16
----Run complete. 24 symbols evaluated.----
Clear

step 1 : Begin

step 2 : declare the n variable

step 3 : assign i to 1 & a to 0

step 4 : create a loop. so loop need to continue...

for ; $\leq n$

step 5 : in loop assign a with a+i;

step 6 : increment i with 2

step 7 : end loop & print a

step 8 : Stop.