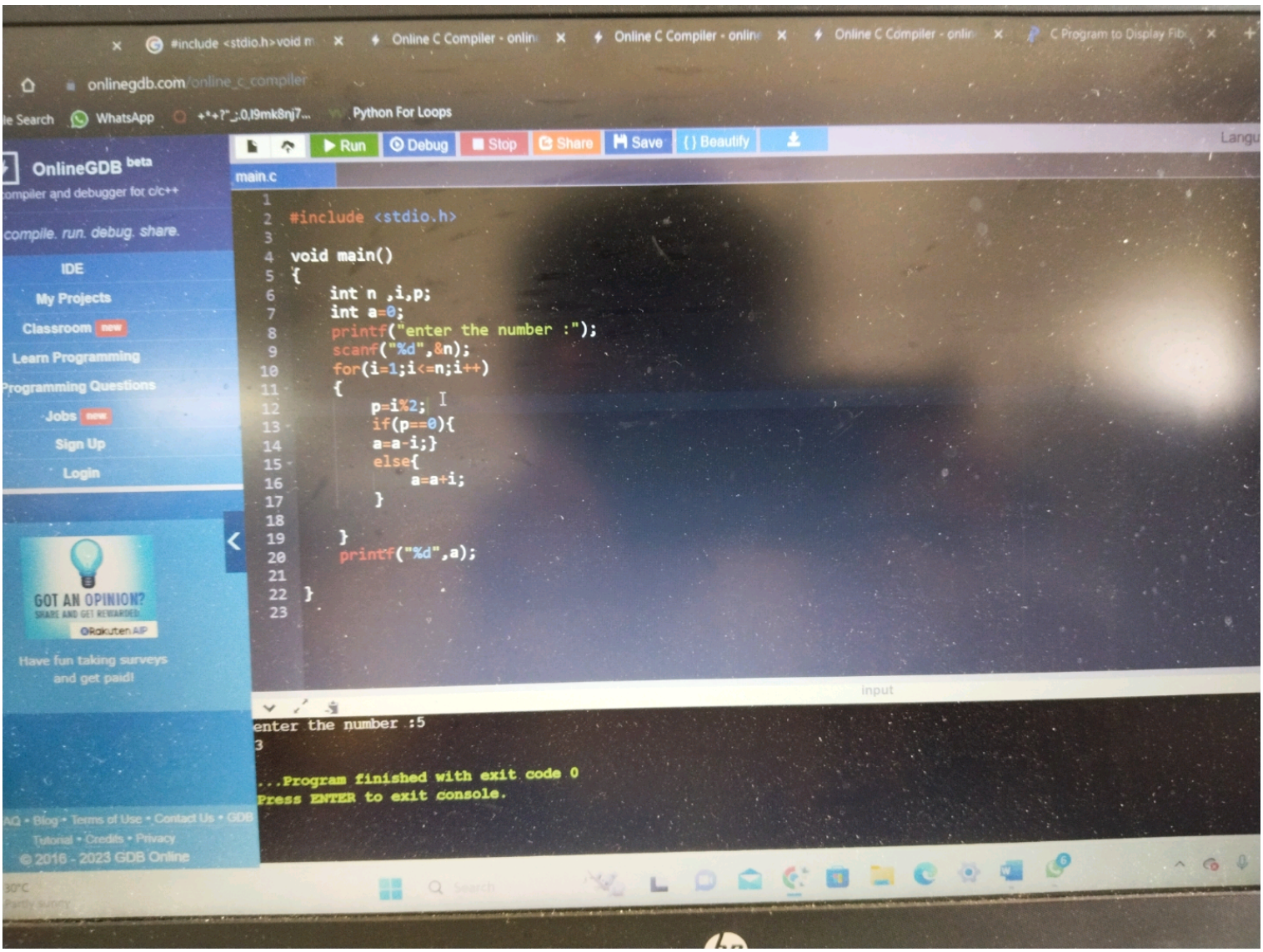
onlinegdb.com/online_c_compiler
Python For Loops
OnlineGDB beta
compile. run. debug. share.
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Learn Programming
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Jobs new
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Run
Debug
Stop
Share
Save
{ } Beautify
main.c
#include <stdio.h>
void main()
{
int n ,i,p;
int a=0;
printf("enter the number :");
scanf("%d",&n);
for(i=1;i<=n;i++)
{
p=i%2;
if(p==0){
a=a-i;}
else{
a=a+i;
}
}
printf("%d",a);
}
Input
enter the number :5
3
...Program finished with exit code 0
Press ENTER to exit console.
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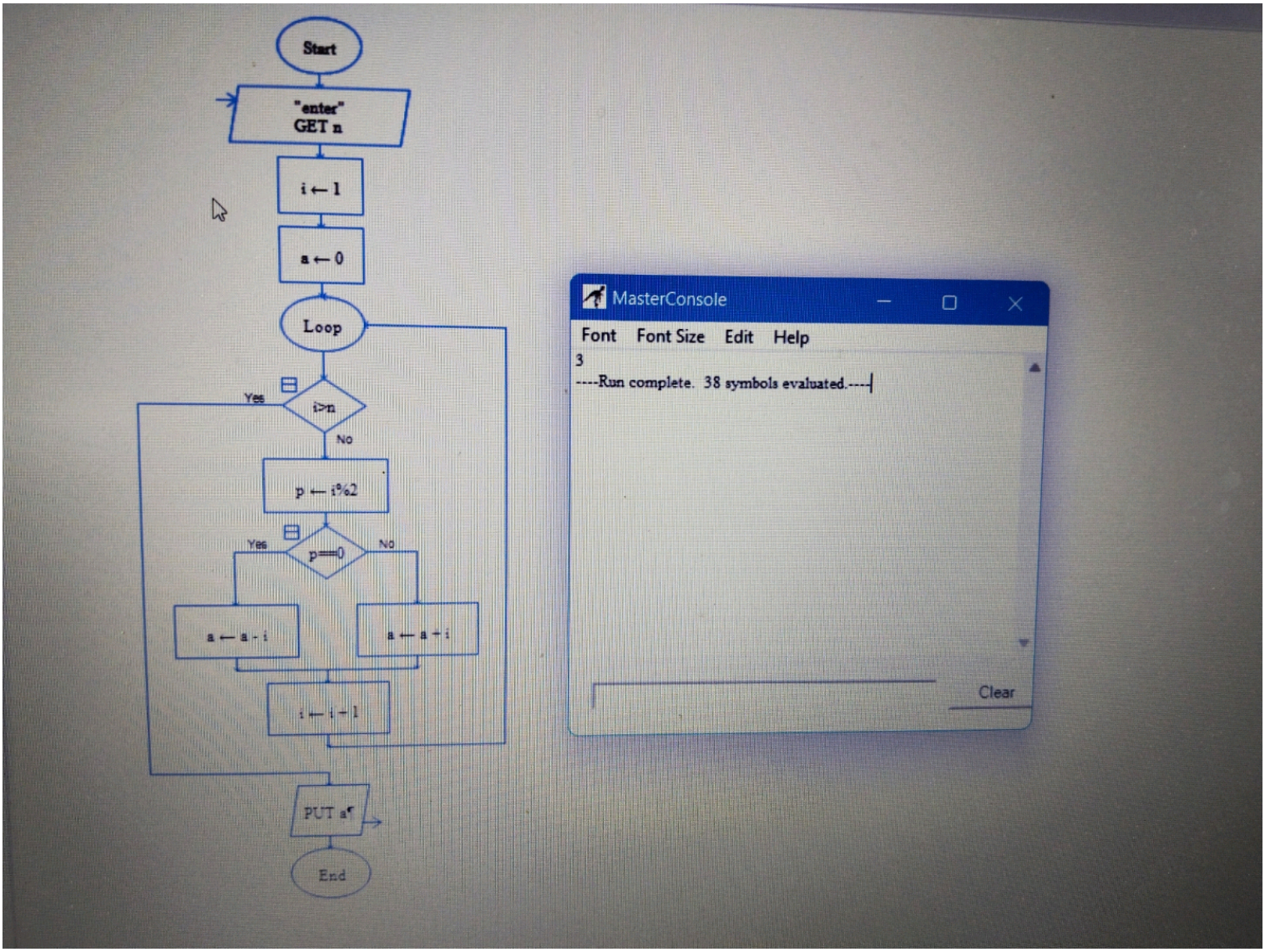

Start
"enter"
GET n
i ← 1
a ← 0
Loop
Yes
i>n
No
p ← i%2
Yes
p==0
No
a ← a - i
a ← a + i
i ← i + 1
PUT a
End
MasterConsole
Font
Font Size
Edit
Help
3
----Run complete. 38 symbols evaluated.----
Clear

(8) step 1 : Begin

step 2 : declare a varable n

step 3 : Assign i to 1 & a to 0

step 4 : create loop so loop continoous for i <= n

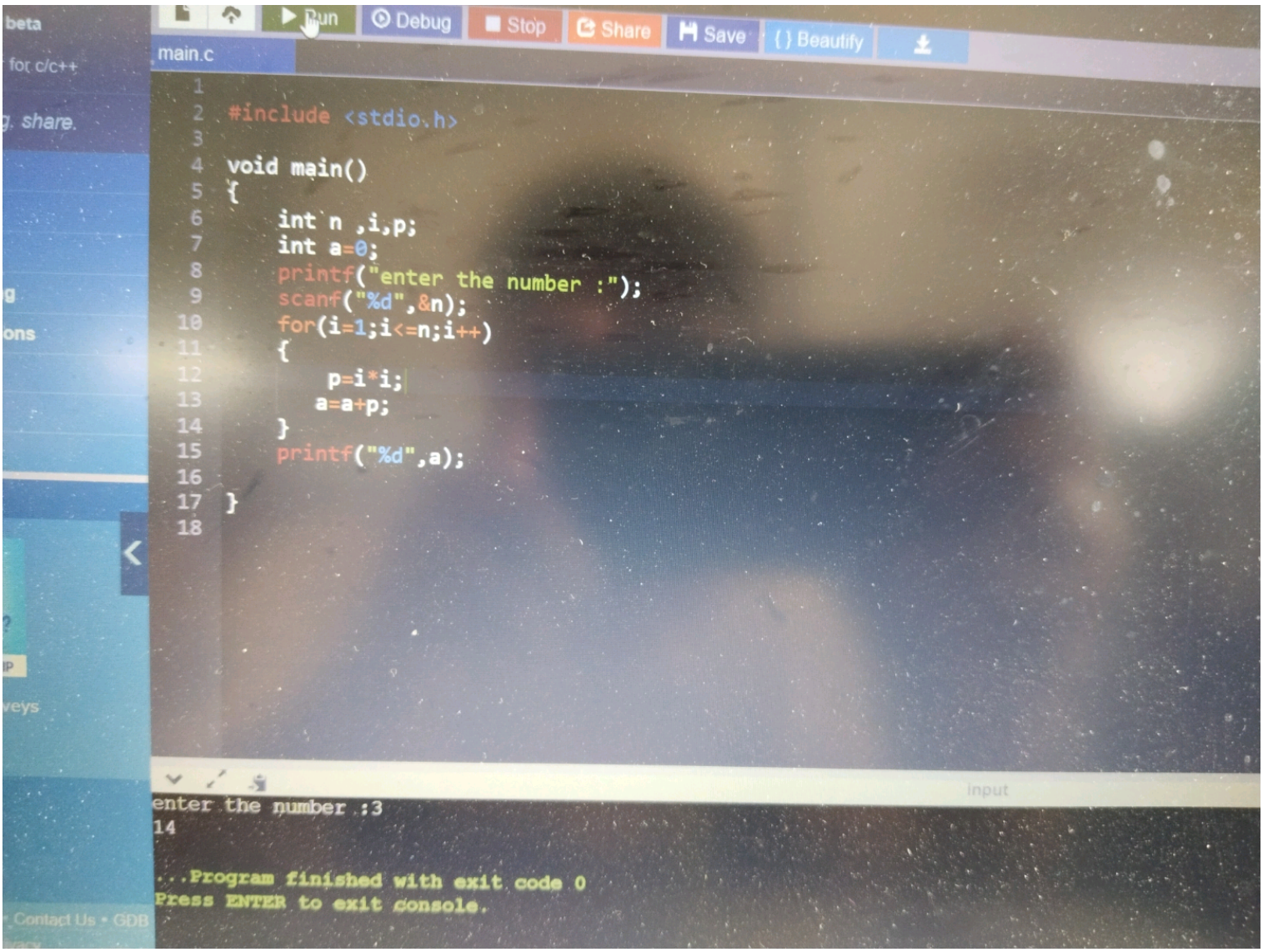
step 5 : in loop if i is even then subtract i from a

else add i to a.

step 6 : end loop after increment i

step 7 : print a

step 8 : stop.


beta
for c/c++
g. share.
Run
Debug
Stop
Share
Save
{ } Beautify
main.c
#include <stdio.h>
void main()
{
int n ,i,p;
int a=0;
printf("enter the number :");
scanf("%d",&n);
for(i=1;i<=n;i++)
{
p=i*i;
a=a+p;
}
printf("%d",a);
}
input
enter the number :3
14
...Program finished with exit code 0
Press ENTER to exit console.
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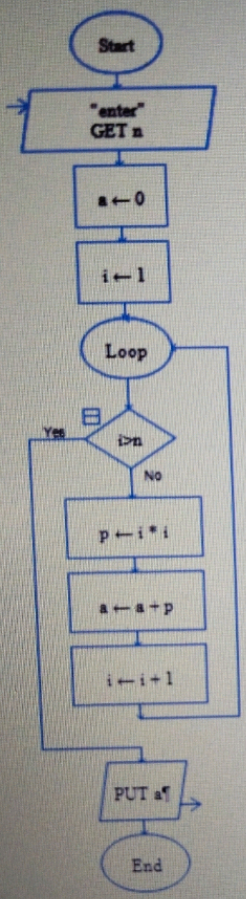


MasterConsole

Font Font Size Edit Help

```
----Run halted----
Can't compare these values: NUMBER_KIND STRING_KIND
-----Error, run halted-----
14
-----Run complete.  23 symbols evaluated.-----
```

Clear

(a) ~~start~~ :

step 1 : Begin

step 2 : Declare a variable n

step 3 : assign i to 0 & a to 0 & j to 0.

step 4 : create a loop so that i less than n (i<n)

in the loop assign x to 1

step 5 : create another loop with in the loop (j<i)

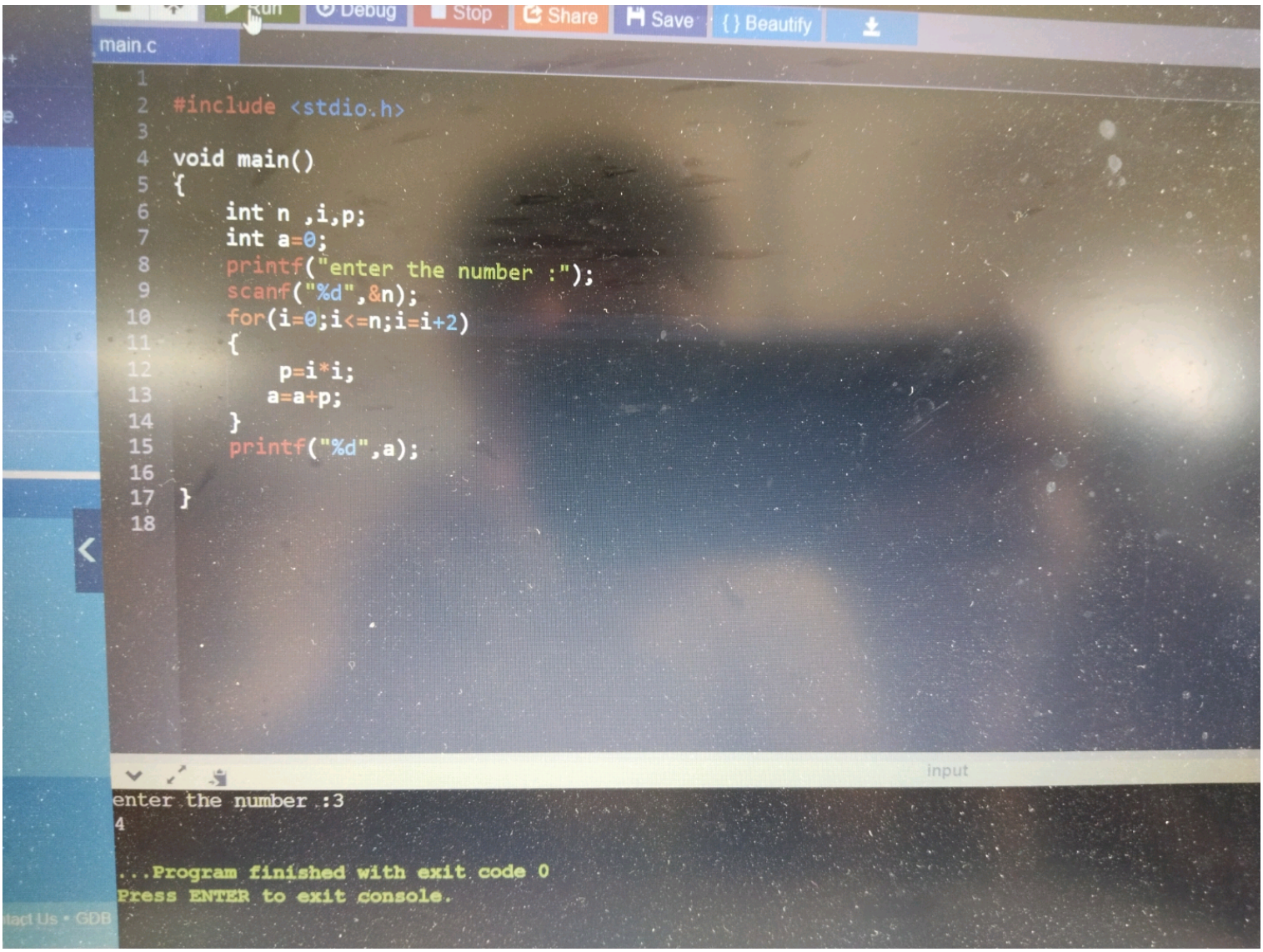
& assign x to x*i

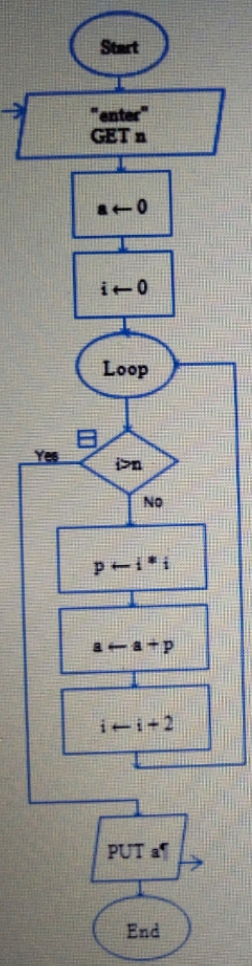
step 6 : increment j & close loop.①

step 7 : add x & a to a & increment i

step 8 : close loop②. print a.

step 9 : Stop.


Run
Debug
Stop
Share
Save
{ } Beautify
main.c
#include <stdio.h>
void main()
{
int n ,i,p;
int a=0;
printf("enter the number :");
scanf("%d",&n);
for(i=0;i<=n;i=i+2)
{
p=i*i;
a=a+p;
}
printf("%d",a);
}
input
enter the number :3
4
...Program finished with exit code 0
Press ENTER to exit console.



MasterConsole

Font Font Size Edit Help

```
----Run halted----
Can't compare these values: NUMBER_KIND STRING_KIND
----Error, run halted----
14
----Run complete.  23 symbols evaluated.----
20
----Run complete.  23 symbols evaluated.----
```

Clear

12) step 1 : Begin

step 2 : Declare & assign the variable n

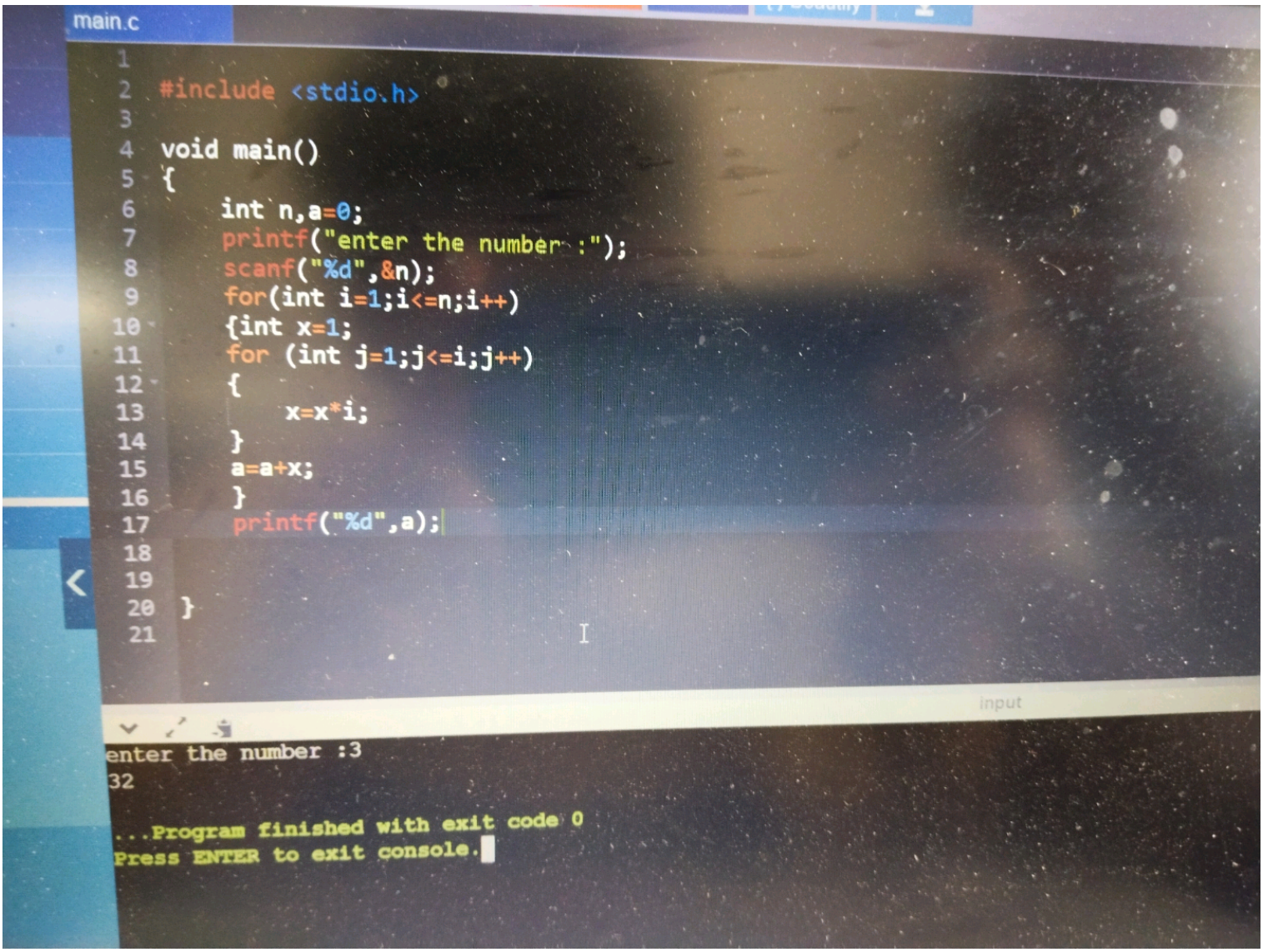
step 3 : create a loop for i=0 & i>=n & increment i with 2

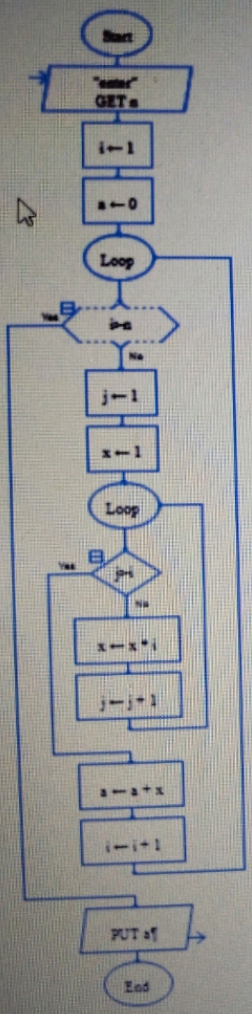
step 4 : Assign p to i*i

step 5 : ~~add~~ asign a to a+p

step 6 : End loop & print a

step 7 : Stop.


main.c
#include <stdio.h>
void main()
{
int n,a=0;
printf("enter the number :");
scanf("%d",&n);
for(int i=1;i<=n;i++)
{int x=1;
for (int j=1;j<=i;j++)
{
x=x*i;
}
a=a+x;
}
printf("%d",a);
}
input
enter the number :3
32
...Program finished with exit code 0
Press ENTER to exit console.



MasterConsole

Font Font Size Edit Help

```
4
3
9
27
----Run complete.  61 symbols evaluated.----
1
5
32
----Run complete.  58 symbols evaluated.----
1
5
32
----Run complete.  58 symbols evaluated.----
32
----Run complete.  56 symbols evaluated.----
```

Clear

Step 1 : Begin

Step 2 : Declare a variable n

Step 3 : assign i to 0, a to 0, j to 0

Step 4 : create a loop with condition i<n & assign x to 1

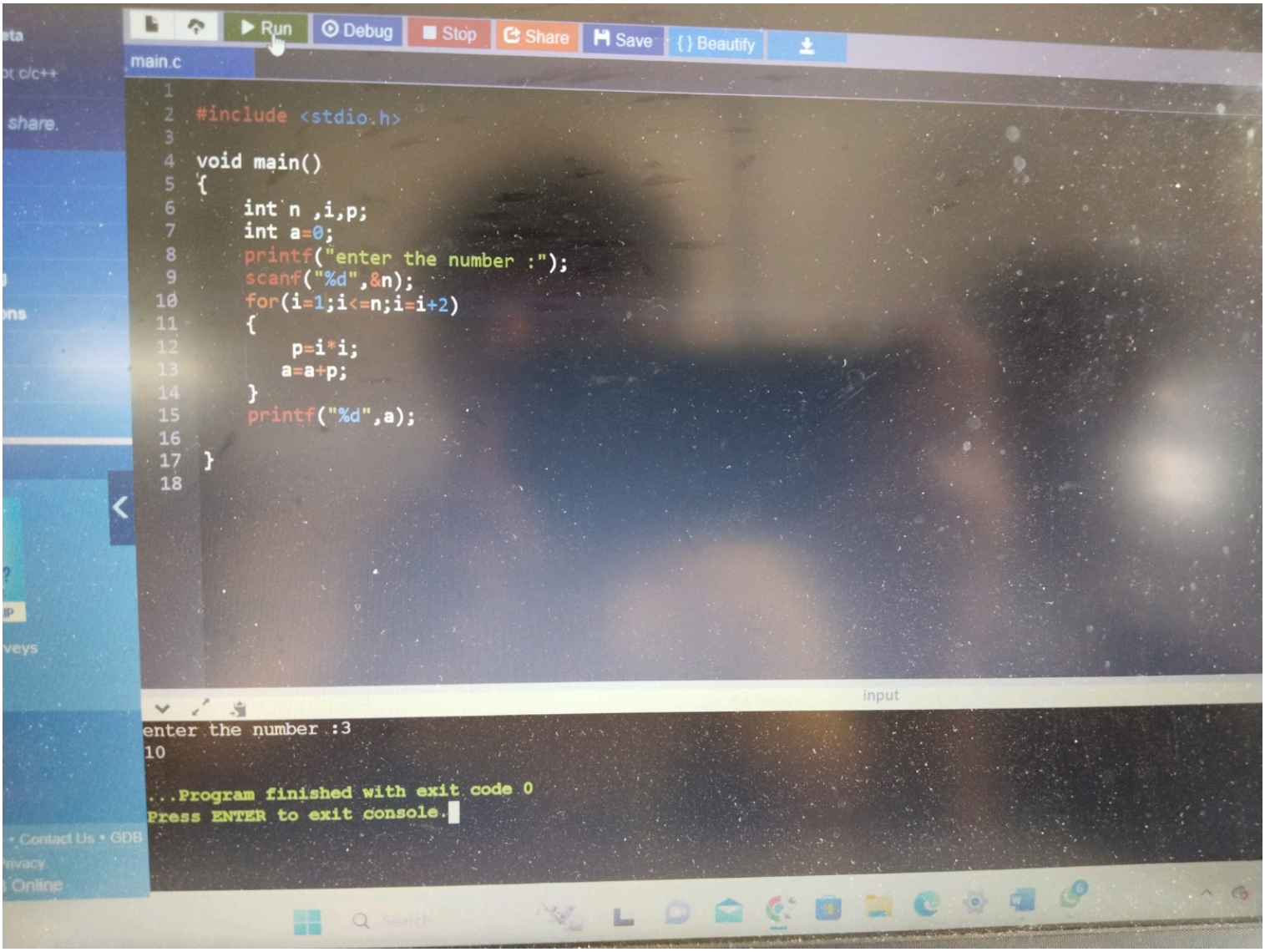
Step 5 : create a loop within the loop with condition j<i

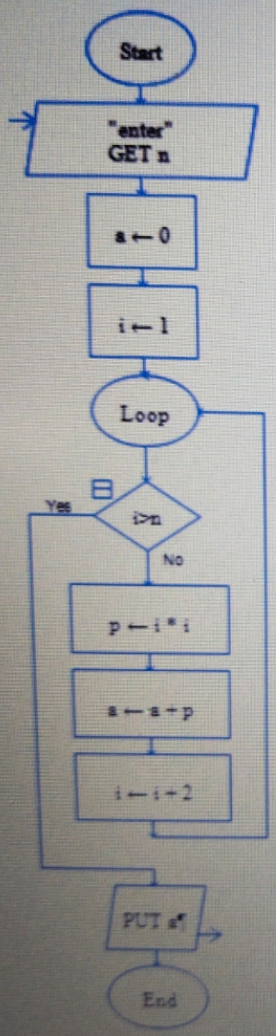
Step 6 : in loop add assign x to x*j & increment j
and close the loop

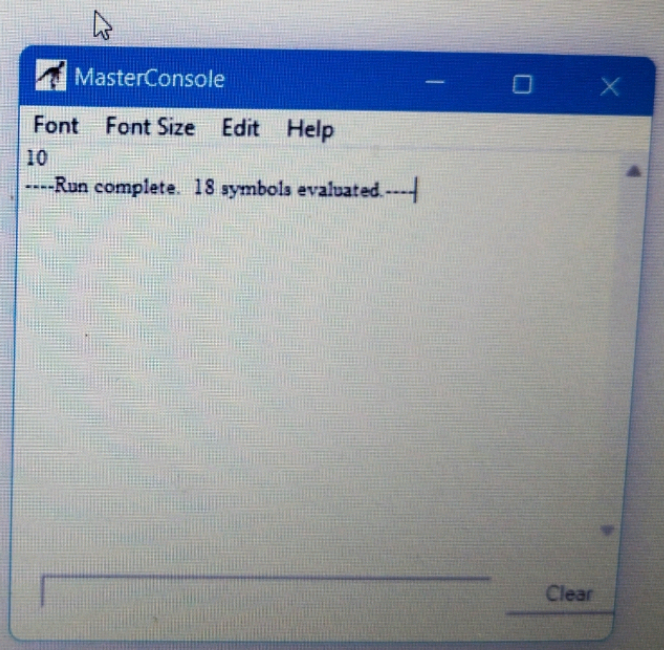
Step 7 : add x & a to a & increment i with 2

Step 8 : close the loop & print a

Step 9 : stop.


Run
Debug
Stop
Share
Save
{} Beautify
main.c
#include <stdio.h>
void main()
{
int n ,i,p;
int a=0;
printf("enter the number :");
scanf("%d",&n);
for(i=1;i<=n;i=i+2)
{
p=i*i;
a=a+p;
}
printf("%d",a);
}
input
enter the number :3
10
...Program finished with exit code 0
Press ENTER to exit console.


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


MasterConsole
Font
Font Size
Edit
Help
10
----Run complete. 18 symbols evaluated.----
Clear

12) step 1 : Begin

step 2 : Declare & assign the variable n

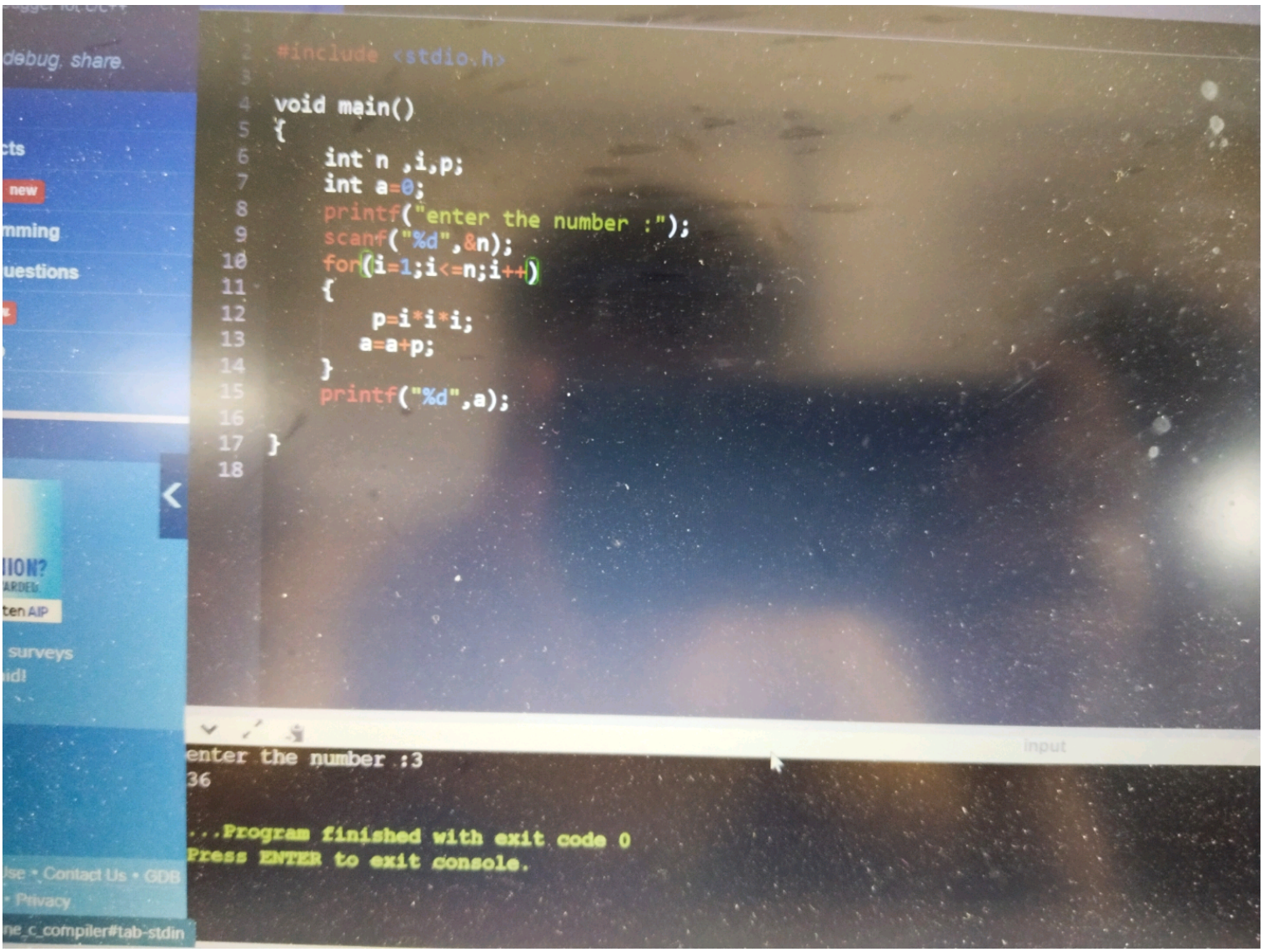
step 3 : create a loop for i=0 & i>=n & increment i with 2

step 4 : Assign p to i*i

step 5 : ~~add~~ asign a to a+p

step 6 : End loop & print a

step 7 : Stop.


debug, share.
new
uestions
ten AIP
surveys
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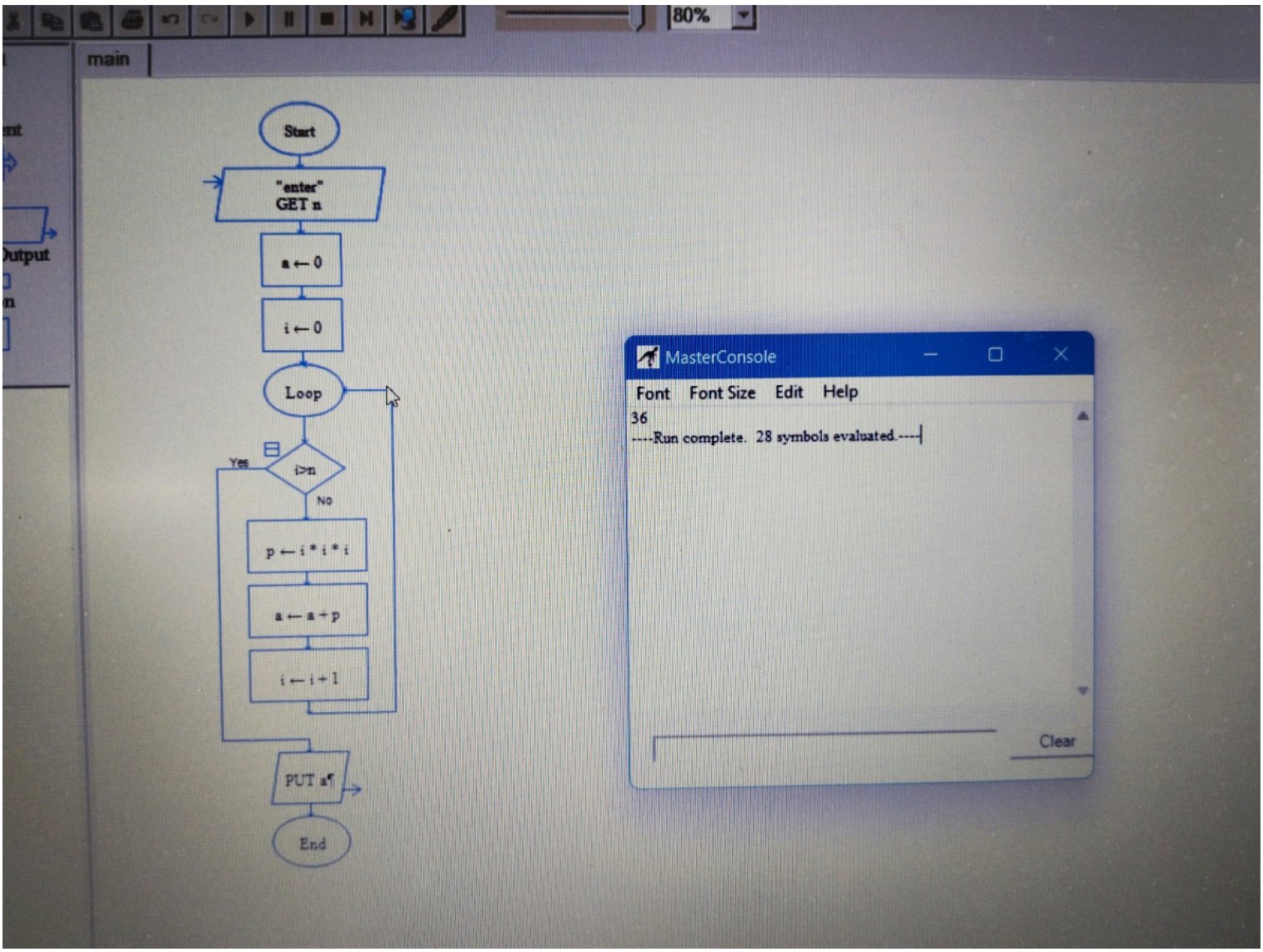
#include <stdio.h>
void main()
{
int n ,i,p;
int a=0;
printf("enter the number :");
scanf("%d",&n);
for(i=1;i<=n;i++)
{
p=i*i*i;
a=a+p;
}
printf("%d",a);
}
input
enter the number :3
36
...Program finished with exit code 0
Press ENTER to exit console.


80%
main
Start
"enter"
GET n
a ← 0
i ← 0
Loop
Yes
i>n
No
p ← i * i * i
a ← a + p
i ← i + 1
PUT a¶
End
MasterConsole
Font
Font Size
Edit
Help
36
-----Run complete. 28 symbols evaluated.-----
Clear

Step 4: Stop.

13) Step 1: Begin

Step 2: Declare a variable n

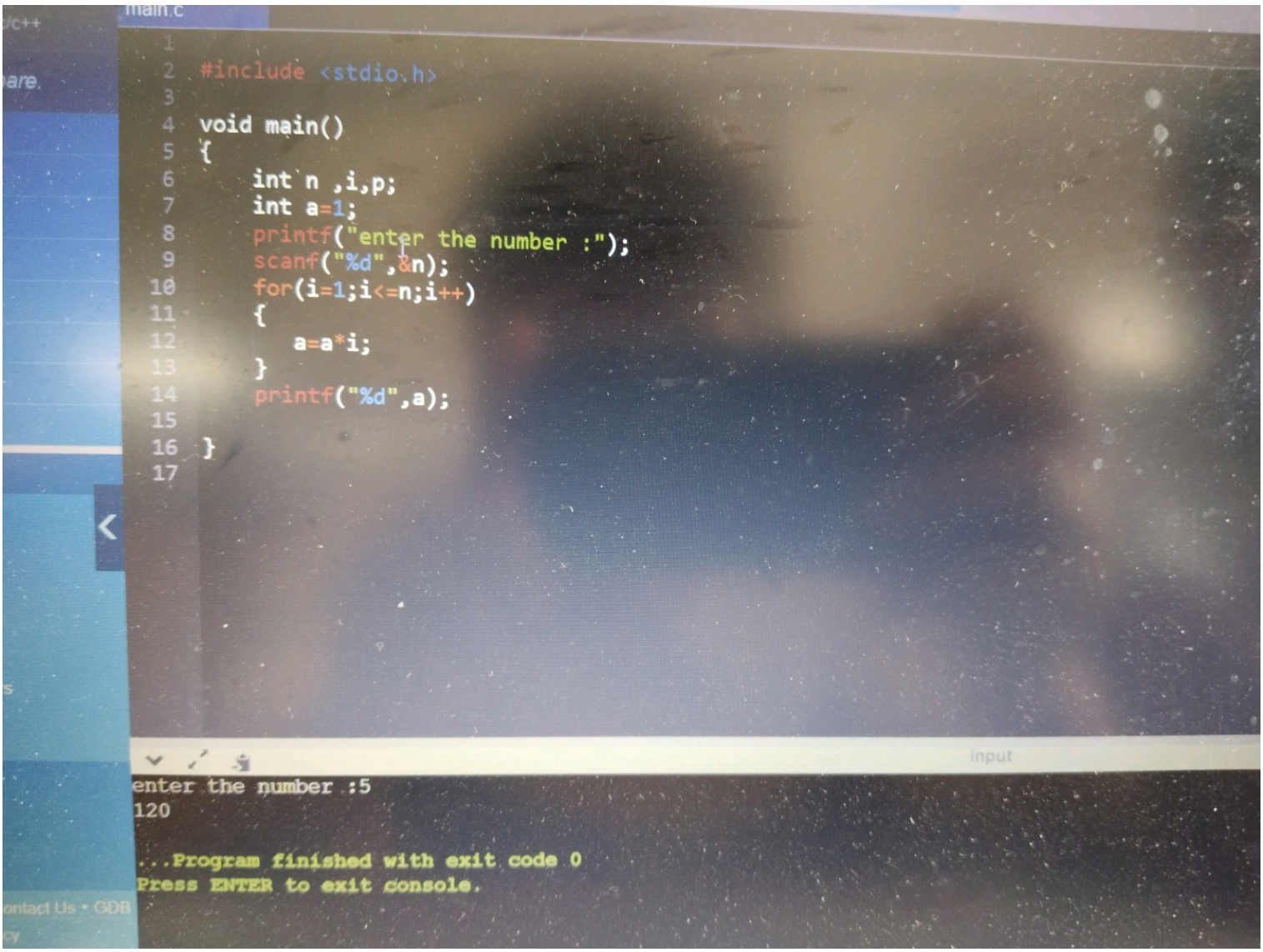
Step 3: Create a loop for i=0 & i<=n & increment i with 1

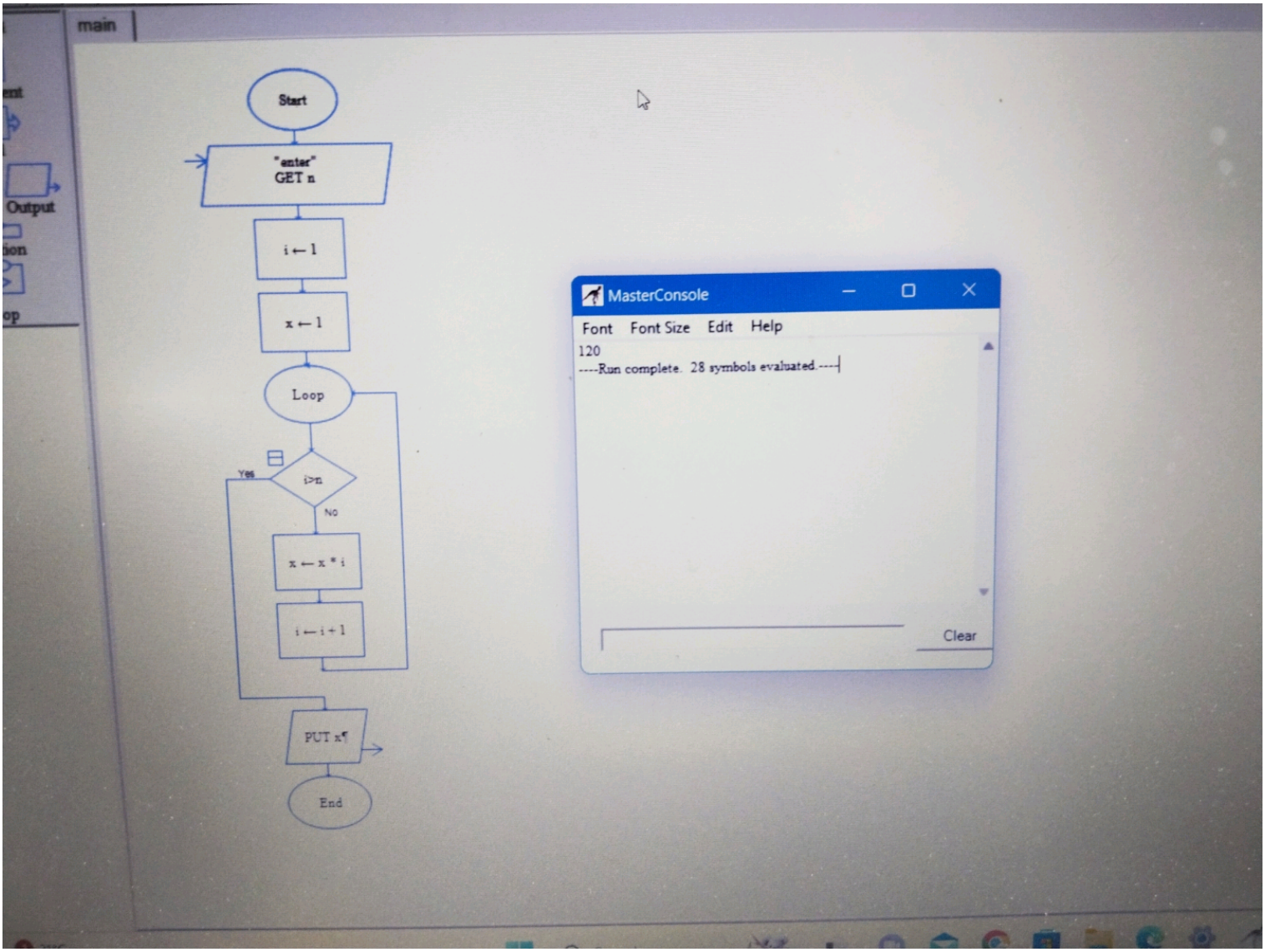
Step 4: Assign p to i*i*i

Step 5: assign a to a+p.

Step 6: close loop & print a

Step 7: Stop.


main.c
#include <stdio.h>
void main()
{
int n ,i,p;
int a=1;
printf("enter the number :");
scanf("%d",&n);
for(i=1;i<=n;i++)
{
a=a*i;
}
printf("%d",a);
}
input
enter the number :5
120
...Program finished with exit code 0
Press ENTER to exit console.


main
Start
"enter"
GET n
i ← 1
x ← 1
Loop
Yes
i>n
No
x ← x * i
i ← i + 1
PUT x¶
End
MasterConsole
Font
Font Size
Edit
Help
120
----Run complete. 28 symbols evaluated----
Clear

step 1 : Begin

step 2 : Declare variable n

step 3 : assign a to 0 , b to 1

step 4 : Create loop with intialization i=0 &
Condition (i<=0) and increment i with 1

step 5 : print a in the loop

step 6 : assign 1 to a

step 7 : assign a to b

step 8 : assign b to b+t

step 9 : close loop

step 10 : Stop

(18)