

main.c

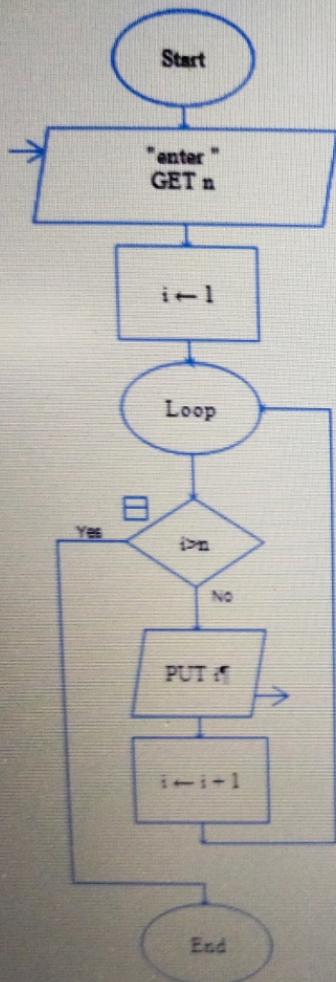
```
1
2 #include <stdio.h>
3
4 void main()
5 {
6     int n;
7     printf("enter the number :");
8     scanf("%d",&n);
9     for ( int i=0;i<=n;i++)
10    {
11        printf(" %d",i);
12    }
13 }
14
```

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.
```

d Us • GDB



MasterConsole

Font Font Size Edit Help

```

1
2
3
4
5
6
----Run complete. 30 symbols evaluated.----

```

Clear

The screenshot shows a window titled "MasterConsole". The menu bar includes "Font", "Font Size", "Edit", and "Help". The main area displays the numbers 1 through 6, each on a new line. Below these numbers, the text "----Run complete. 30 symbols evaluated.----" is shown. At the bottom right of the window is a "Clear" button.

- ① Step 1 : Begin
- Step 2 : declare a variable 'n'
- Step 3 : Assign i to 1
- Step 4 : Create a loop such that $i \leq n$ 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

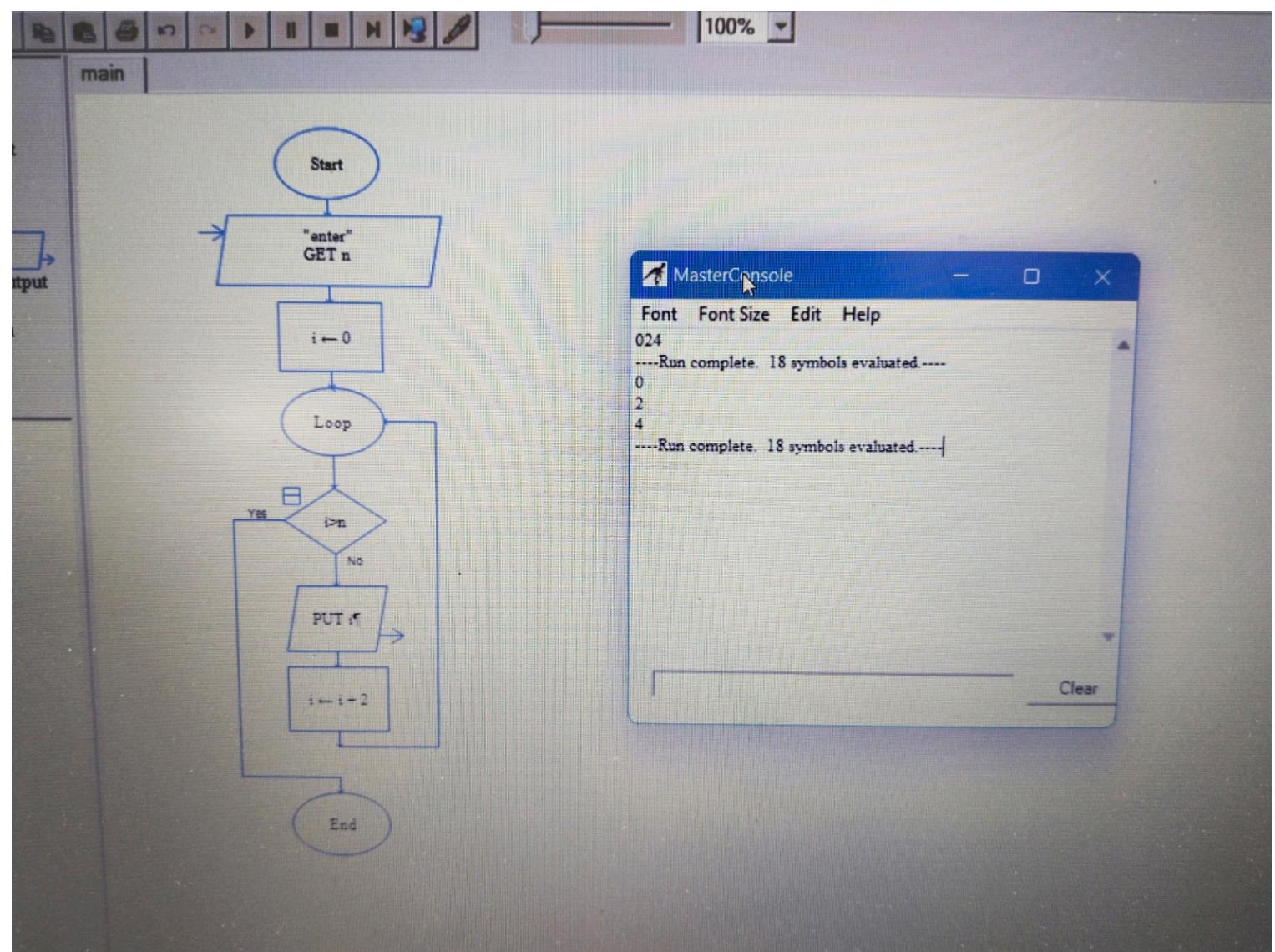
The screenshot shows a C/C++ IDE interface with a code editor and a terminal window.

Code Editor:

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

Terminal Window:

```
enter the number 8
0 2 4 6 8
...Program finished with exit code 0
Press ENTER to exit console.
```



⑨

step 1 : Begin

step 2 : declare an variable i

step 3 : Assign i to 0

step 4 : create a loop such that $i \leq n$ the loop
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

c/c++

hare.

ys

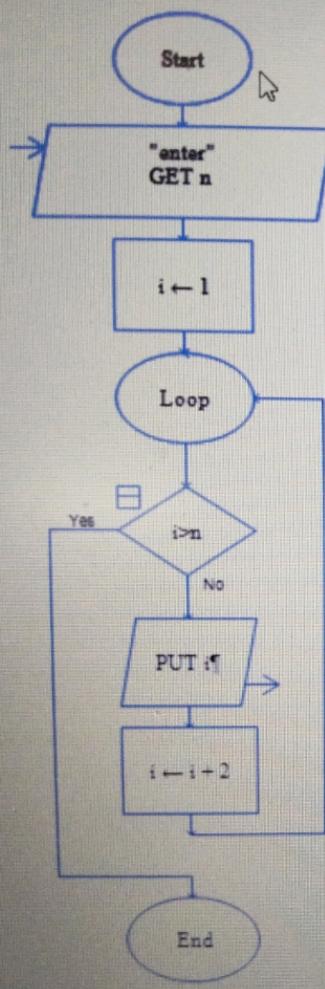
main.c

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

input

```
enter the number 8
1 3 5 7

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



MasterConsole

Font Font Size Edit Help

```

1
3
----Run complete. 14 symbols evaluated.----

```

Clear

The screenshot shows the "MasterConsole" application window. The menu bar includes "Font", "Font Size", "Edit", and "Help". The console area displays the output of the program: the number 1, the number 3, and a message indicating the run is complete with 14 symbols evaluated. A "Clear" button is visible at the bottom right of the console window.

Step 1 : Begin

Step 2 : Declare the variable n

Step 3 : Assign i to 1

Step 4 : Create a loop such that $i \leq 0$ the loop
should be continuous

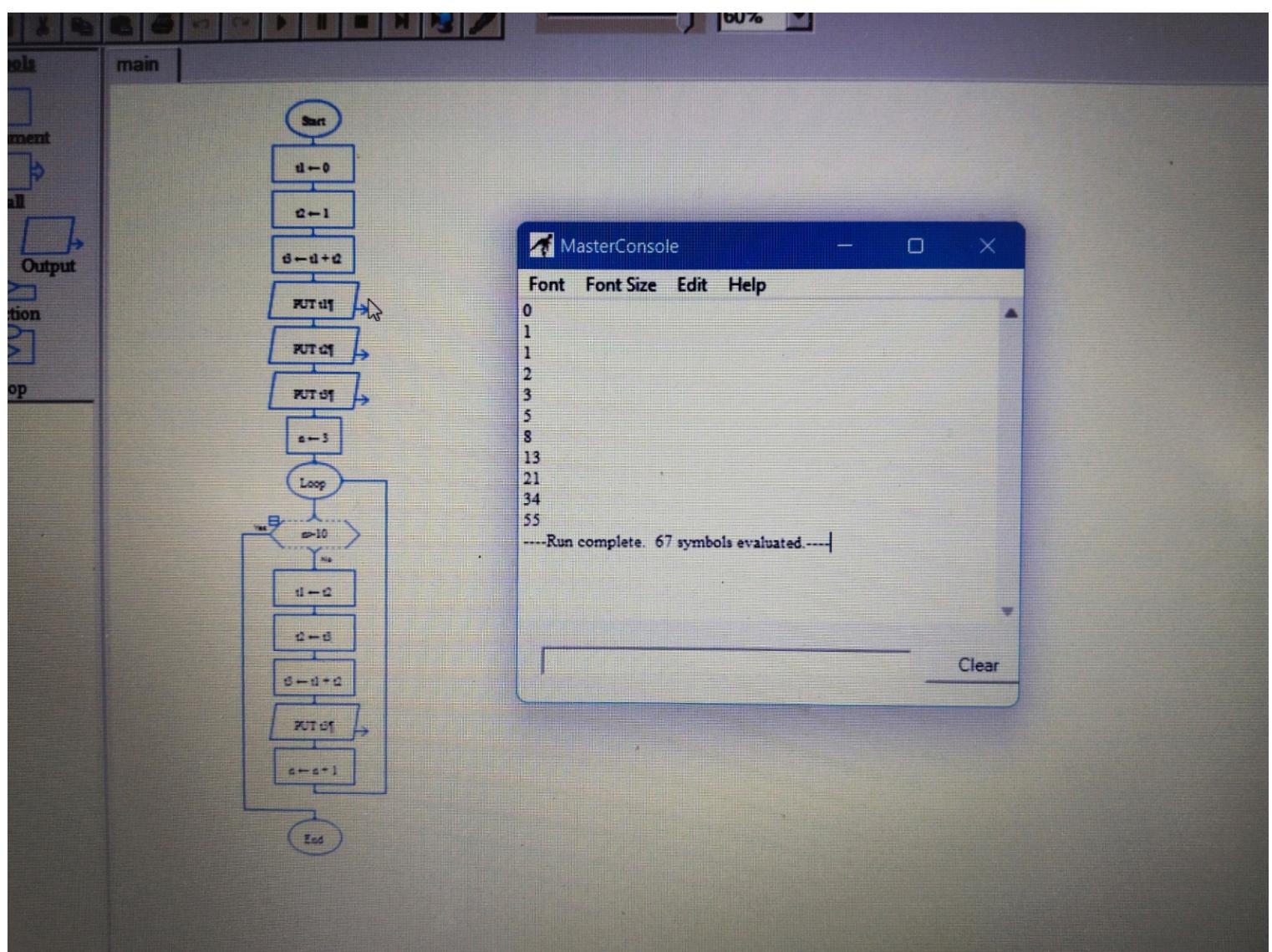
Step 5 : print i value

Step 6 : increment i by 2 ($i = i + 2$)

Step 7 : end.

```
c/c++  
hare.  
  
Main.C  
1 //  
2 #include <stdio.h>  
3  
4 void main()  
5 {  
6     int a=0 ,b=1,n,t ;  
7     printf("enter the number ");  
8     scanf("%d",&n);  
9     while(a<=n){  
10        printf("%d," ,a);  
11        t=a;  
12        a=b;  
13        b=b+t;  
14    }  
15 }  
16 }  
17 }
```

```
enter the number 5  
0,1,1,2,3,5,  
...Program finished with exit code 0  
Press ENTER to exit console.
```



- ⑨
- 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 $i \leq n$ (less than or equal to n)
the loop should continue
- step 5 : Assign t to a and print a
- step 6 : assign a to b
- step 7 : assign b to $b + a$
- step 8 : assign i to $i + 1$

The screenshot shows a code editor interface with a dark theme. At the top, there is a toolbar with icons for file operations (New, Open, Save), Run, Debug, Stop, Share, and Save. Below the toolbar, the file name "main.c" is displayed. The code area contains the following C code:

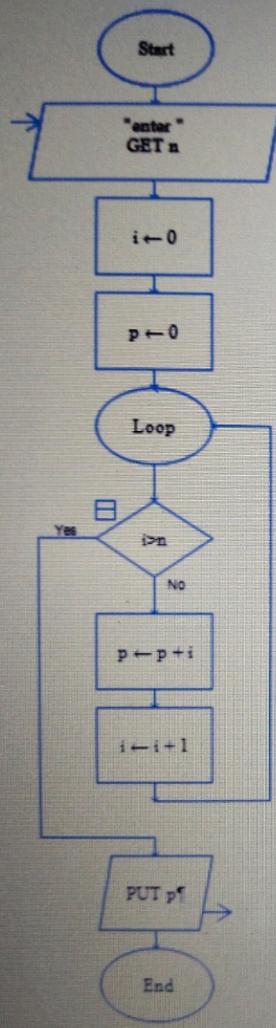
```
1 #include <stdio.h>
2
3 void main()
4 {
5     int n ,i;
6     int a=0;      I
7     printf("enter the number :");
8     scanf("%d",&n);
9     for(i=0;i<=n;i++)
10    {a=a+i;
11    }
12    printf("%d",a);
13
14
15 }
16
```

Below the code editor is a terminal window titled "Input". It displays the output of the program when run with the input "5". The output is:

```
enter the number :5
15

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

At the bottom left of the screen, there is a navigation bar with links: Home, Contact Us, GDB, Privacy, and GDB Online.



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

This screenshot shows the output of the program in the MasterConsole window. The console displays several lines of text, likely representing memory dump or evaluation results. The first few lines show numerical values (0, 1, 3, 6, 10) followed by error messages indicating that the program was halted due to a comparison between a number and a string. Subsequent lines show more evaluations, with the last two being successful runs.

- ①
- 6) 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 continues 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.

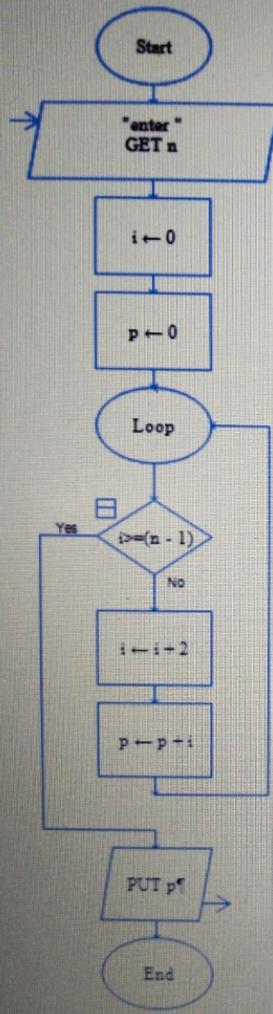
② start . . . Begin variable 'n'

c/c++

```
main.c
1
2 #include <stdio.h>
3
4 void main()
5 {
6     int n ,i;
7     int a=0;
8     printf("enter the number :");
9     scanf("%d",&n);
10    for(i=0;i<=n;i=i+2)
11    {
12        a=a+i;
13    }
14    printf("%d",a);
15 }
16
```

```
enter the number :4
6

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



MasterConsole

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

I

Clear

The screenshot shows a window titled "MasterConsole" with a menu bar for "Font", "Font Size", "Edit", and "Help", and a font size setting of "20". Below the menu is a status message: "----Run complete. 24 symbols evaluated.----". The main area contains the character "I". At the bottom right is a "Clear" button.

step 6 : End

step 7 : Stop.

① step 1 : Begin

step 2 : Assign or declare & variables in

step 3 : Assign q to 1 and a to 0

step 4 : Create a loop so loop continues for ; but than n (i.e.)

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

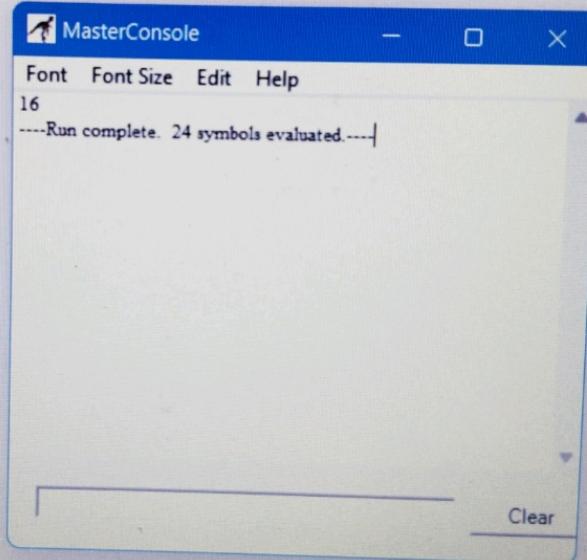
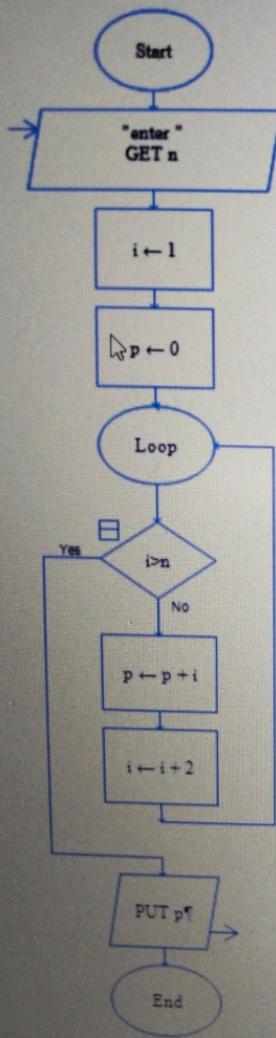
step 8 : Stop.

The screenshot shows a C++ development environment with the following details:

- Toolbar:** Run, Debug, Stop, Share, Save, Beautify.
- File:** main.c
- Code Editor:** Displays the following C code:

```
1 //include <stdio.h>
2
3 void main()
4 {
5     int n ,i;
6     int a=0;
7     printf("enter the number :");
8     scanf("%d",&n);
9     for(i=1;i<=n;i=i+2)
10    {a=a+i;
11    }
12
13     printf("%d",a);
14
15 }
16
```
- Output Window:** Shows the execution of the program.

```
enter the number :5
9
...Program finished with exit code 0
Press ENTER to exit console.
```



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 i <= 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.