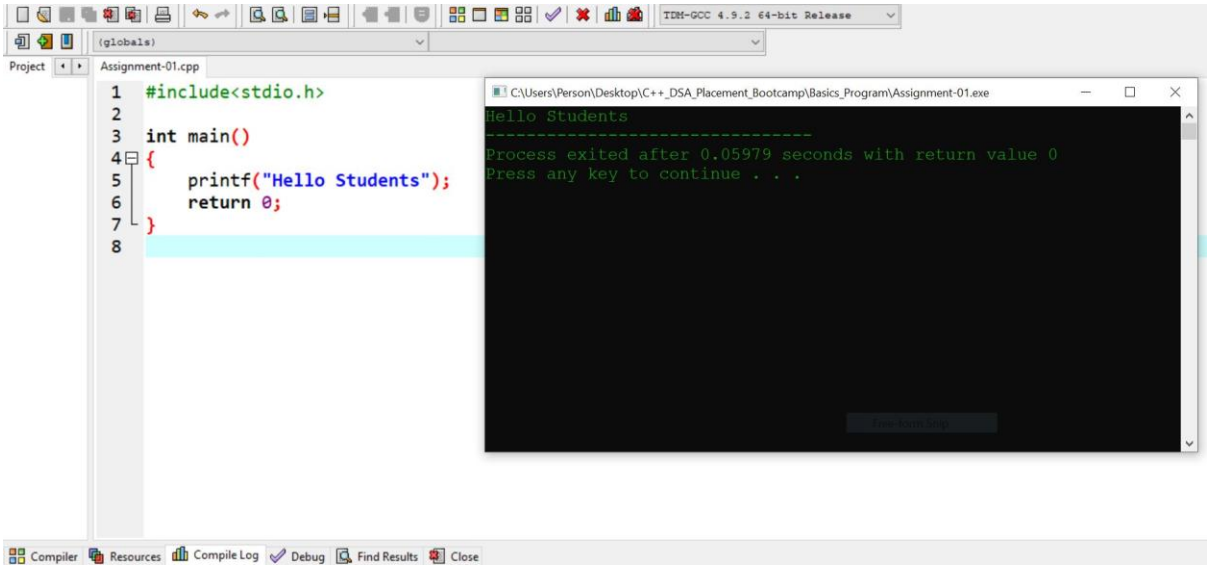
Assignment – 1

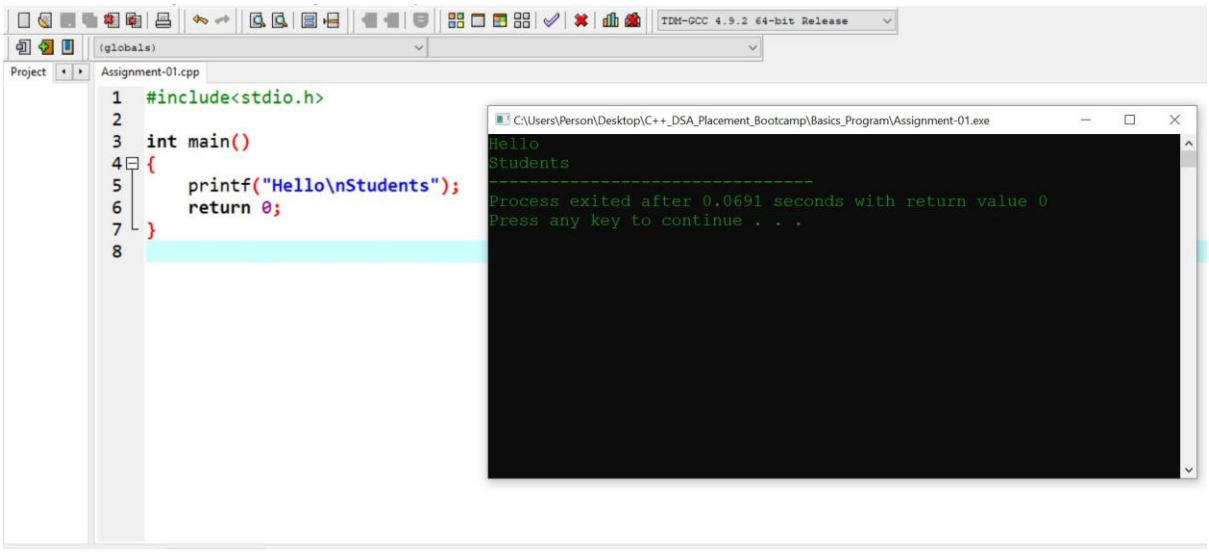
1. **Write a program to print Hello Students on the screen.**

   Ans:



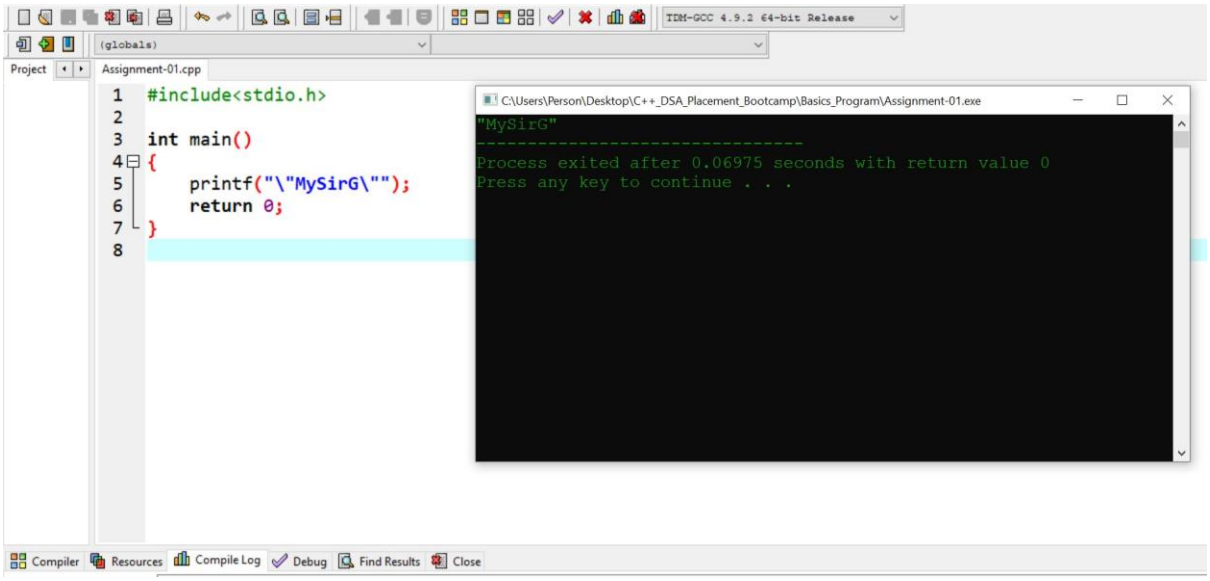
2. **Write a program to print Hello in the first line and Students in the second line.**

   Ans:



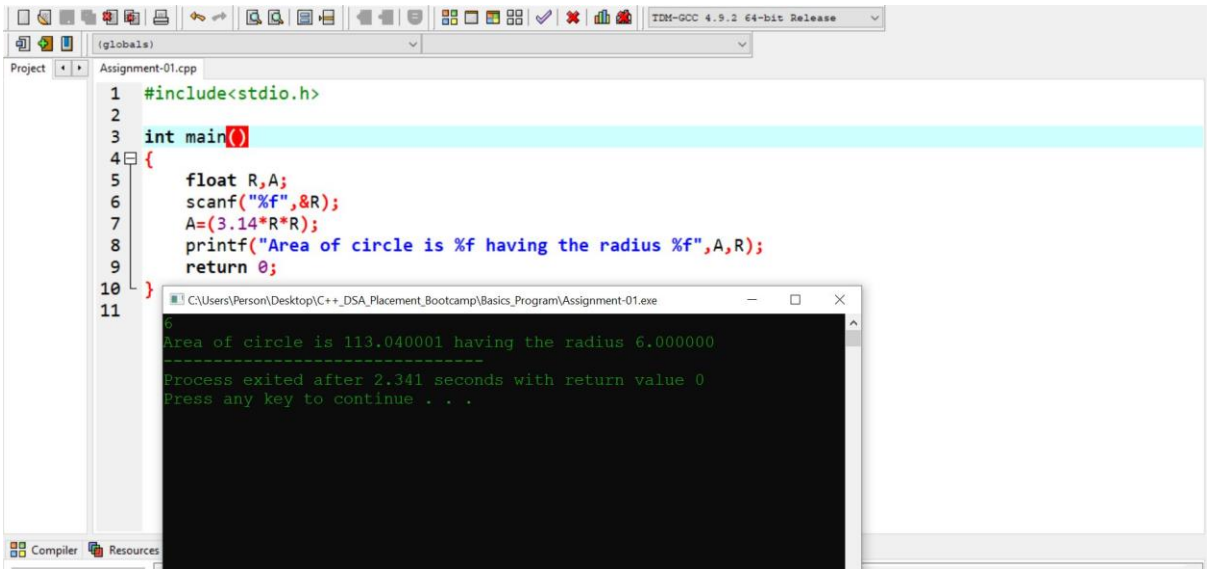
3. **Write a program to print “MySirG” on the screen. (Remember to print in double quotes)**

Ans:



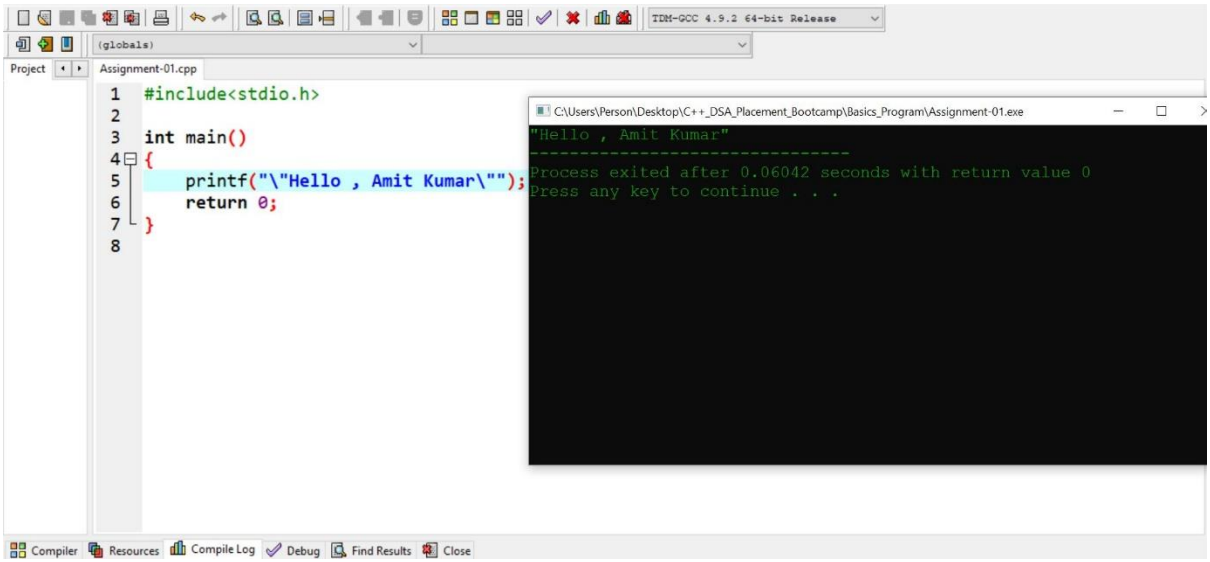
4. **WAP to find the area of the circle. Take radius of circle from user as input and print the result in below given format. Expected output format – “Area of circle is A having the radius R”. Replace A with area & R with radius.**

Ans:



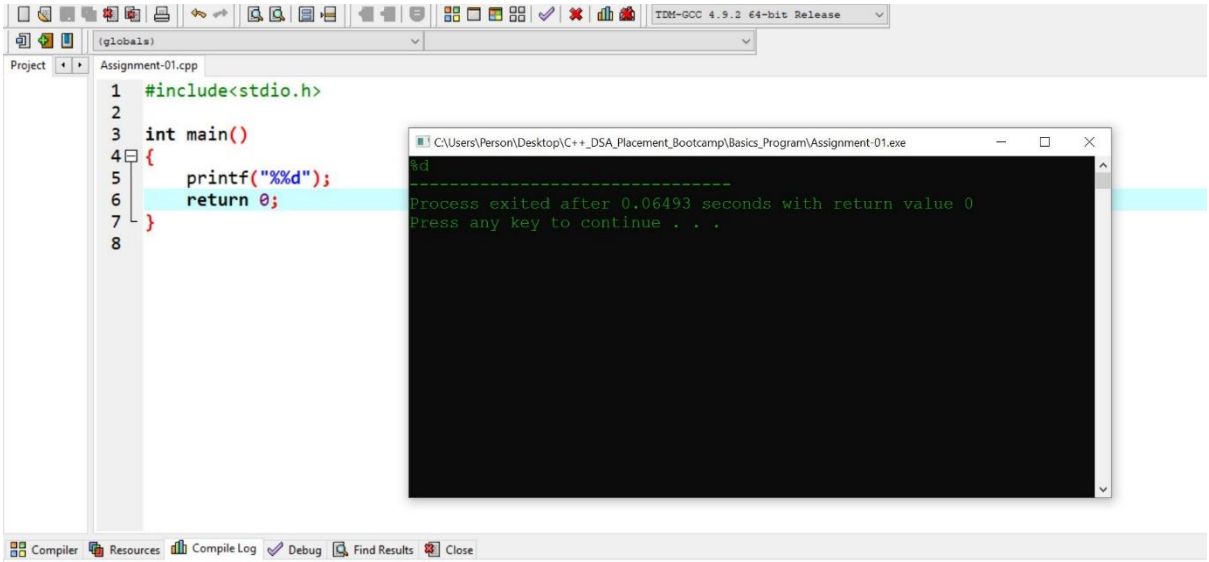
5. **WAP to calculate the length of String using printf function.**
6. **WAP to print the name of the user in double quotes. Expected output format – "Hello , Amit Kumar"**

   Ans:



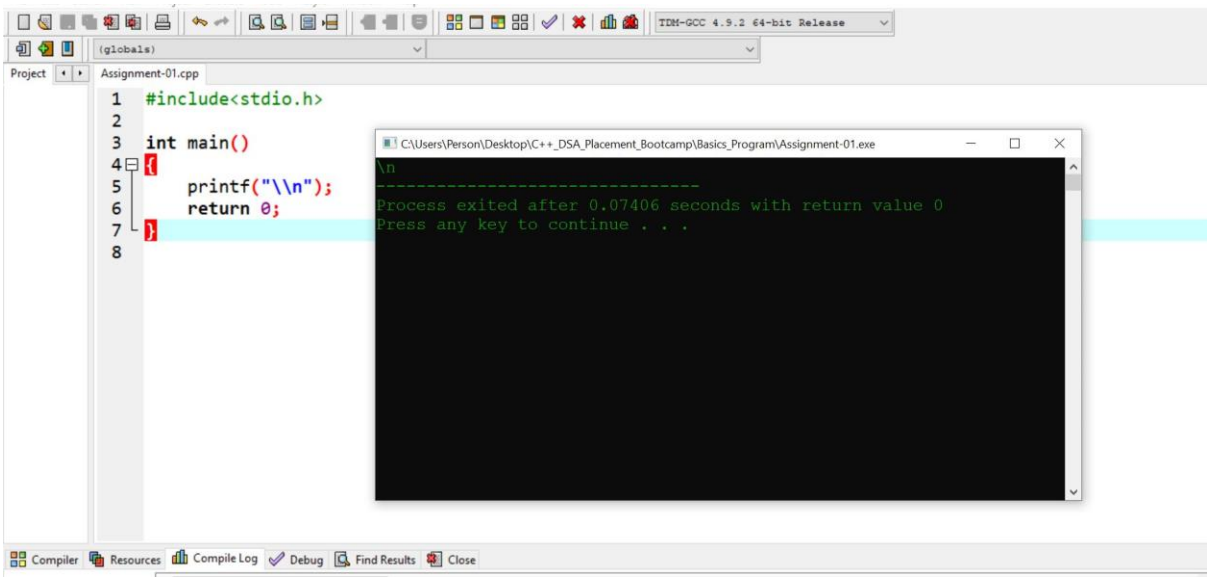
7. **WAP to print "%d" on the screen.**

   Ans:



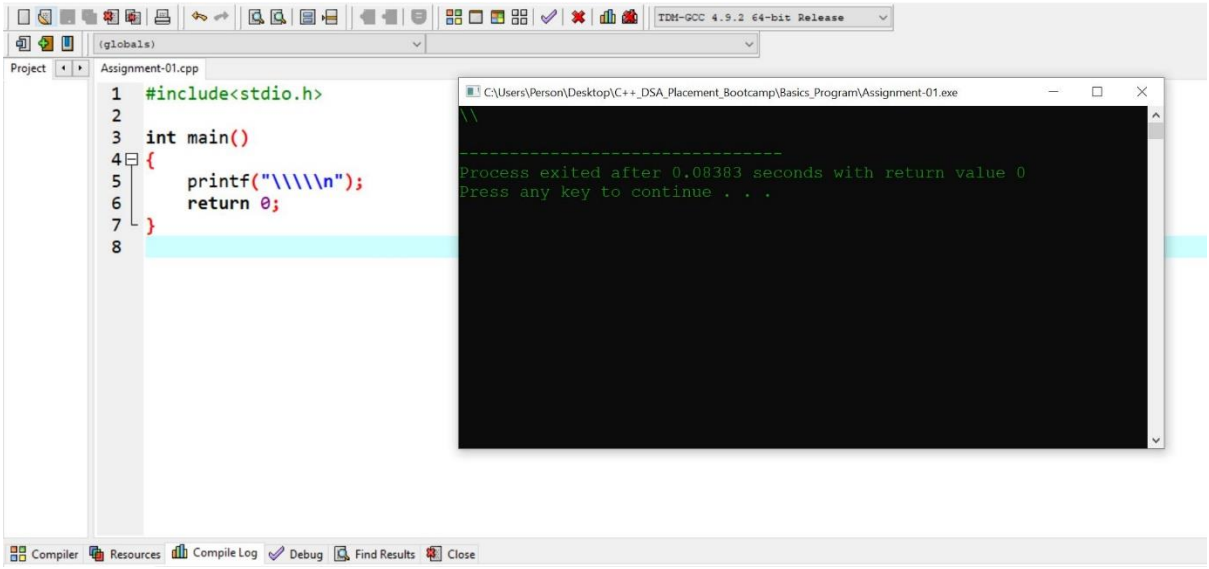
8. **WAP to print "\n" on the screen.**

Ans:



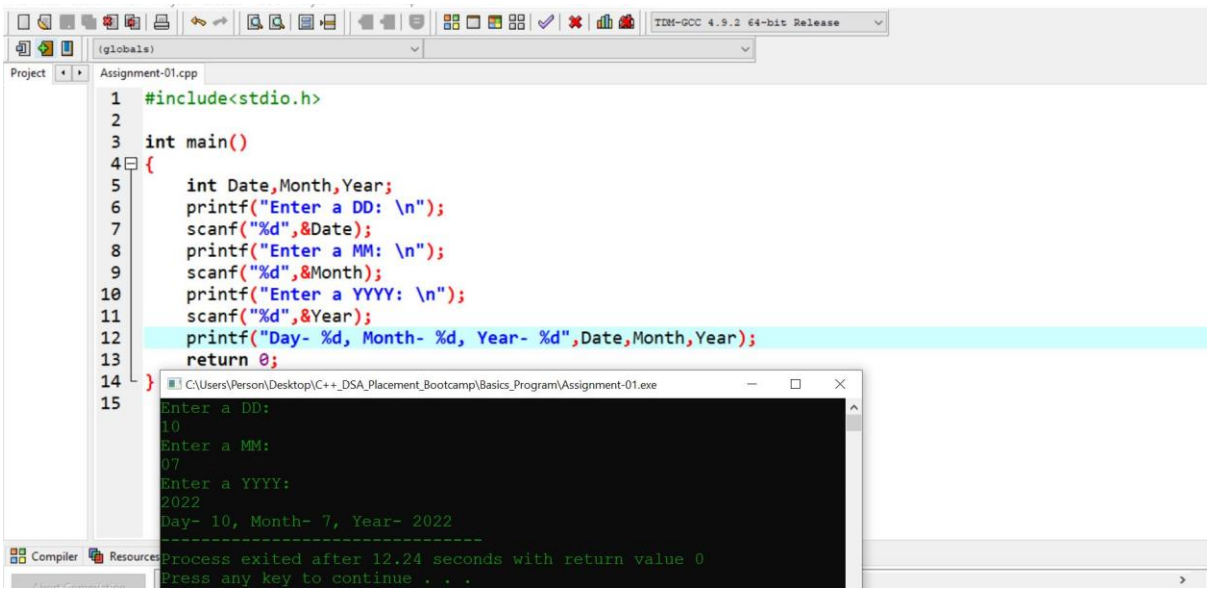
9. **WAP to print "\\" on the screen.**

Ans:



10. **WAP to take date as an input in below given format and convert the date format and display the result as given below. User Input date format – "DD/MM/YYYY" (27/11/2022) Output format – "Day – DD , Month – MM , Year – YYYY" (Day – 27 ,Month – 07 , Year – 2022)**

Ans:



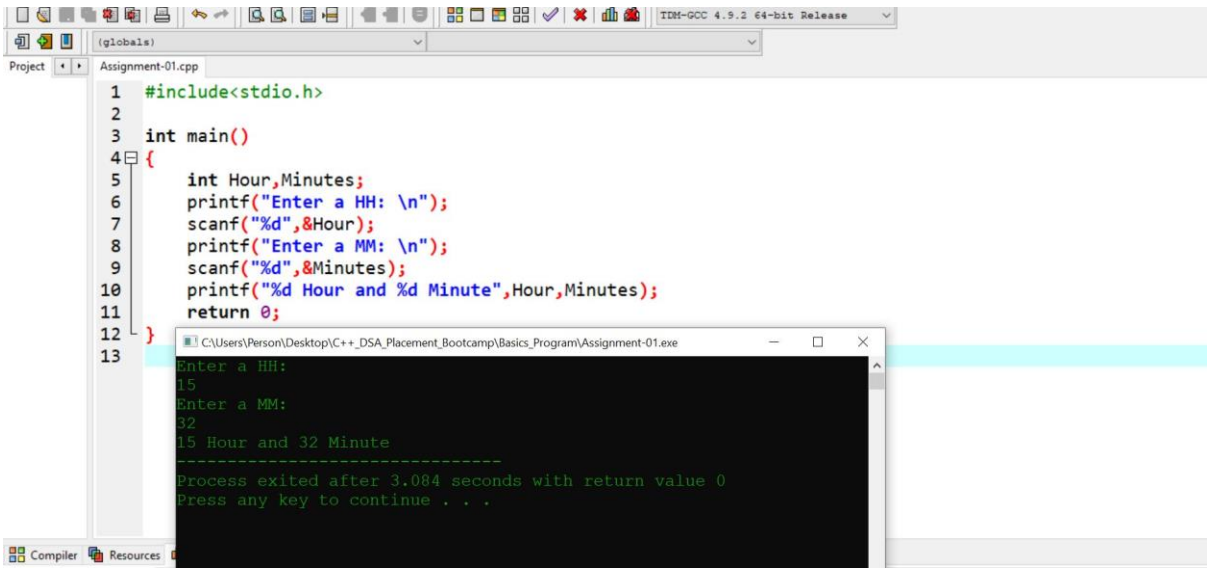
```c
#include<stdio.h>

int main()
{
    int Date,Month,Year;
    printf("Enter a DD: \n");
    scanf("%d",&Date);
    printf("Enter a MM: \n");
    scanf("%d",&Month);
    printf("Enter a YYYY: \n");
    scanf("%d",&Year);
    printf("Day- %d, Month- %d, Year- %d",Date,Month,Year);
    return 0;
}
```

```
C:\Users\Person\Desktop\C++_DSA_Placement_Bootcamp\Basics_Program\Assignment-01.exe
Enter a DD:
10
Enter a MM:
07
Enter a YYYY:
2022
Day- 10, Month- 7, Year- 2022
--------------------------------
Process exited after 12.24 seconds with return value 0
Press any key to continue . . .
```

11. **WAP to take time as an input in below given format and convert the time format and display the result as given below. User Input date format – "HH:MM" Output format – "HH hour and MM Minute" Example – "11:25" converted to "11 Hour and 25 Minute"**

Ans:



```c
#include<stdio.h>

int main()
{
    int Hour,Minutes;
    printf("Enter a HH: \n");
    scanf("%d",&Hour);
    printf("Enter a MM: \n");
    scanf("%d",&Minutes);
    printf("%d Hour and %d Minute",Hour,Minutes);
    return 0;
}
```

```
C:\Users\Person\Desktop\C++_DSA_Placement_Bootcamp\Basics_Program\Assignment-01.exe
Enter a HH:
15
Enter a MM:
32
15 Hour and 32 Minute
--------------------------------
Process exited after 3.084 seconds with return value 0
Press any key to continue . . .
```

12. **Find output of below code:**

```
int main()
{
int x = printf(“ineuron”);
printf(“%d”,x);
return 0;
}
```

Ans: