Input and output in C Language

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

#include<stdio.h>

int main()

{

printf("Hello");

return 0;

}

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

#include<stdio.h>

int main()

{

printf("Hello\nStudent");

return 0;

}

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

#include<stdio.h>

int main()

{

printf("\"MySirG\"");

return 0;

}

**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.**

#include<stdio.h>

int main()

{

int R;

printf("enter the radius of circle: ");

scanf("%d",&R);

printf("Area of circle is %f having the radius %d",22.0/7\*R\*R,R);

return 0;

}

**5. WAP to calculate the length of String using printf function.**

#include<stdio.h>

int main()

{

char a[]="Apple ipone";

printf("size of given string is %d",sizeof(a)-1);

return 0;

}

**6. WAP to print the name of the user in double quotes.**

**Expected output format – “Hello , Amit Kumar”**

#include<stdio.h>

int main()

{

printf("\"hello , Amit Kumar\"");

return 0;

}

**7. WAP to print “%d” on the screen.**

#include<stdio.h>

int main()

{

printf("%%d");

return 0;

}

**8. WAP to print “\n” on the screen.**

#include<stdio.h>

int main()

{

printf("\\n");

return 0;

}

**9. WAP to print “\\” on the screen.**

#include<stdio.h>

int main()

{

printf("\\\\");

return 0;

}

**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)**

#include<stdio.h>

int main()

{

int d,m,y;

scanf("%d/%d/%d",&d,&m,&y);

printf("Day-%d , Month-%d , Year-%d",d,m,y);

return 0;

}

**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”**

#include<stdio.h>

int main()

{

int h,m;

printf("enter time formate HH:MM");

scanf("%d:%d",&h,&m);

printf("\"%d:%d\" converted to \"%d Hour and %d Minute\"",h,m,h,m);

return 0;

}

12. Find output of below code:

int main()

{

int x = printf(“ineuron”);

printf(“%d”,x);

return 0;

}

Answer: this will return error.