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

Sol. #include<stdio.h>

int main()

{

printf(“Hello Students”);

return 0;

}

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

Sol. #include<stdio.h>

int main()

{

printf("Hello\nStudents");

return 0;

}

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

Sol. #include<stdio.h>

int main()

{

printf(“\“MySirG\””);

return 0;

}

Q.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.

Sol. #include<stdio.h>

int main()

{

int R;

float A,f=3.14;

printf("Enter the radius of circle\n");

scanf("%d",&R);

A=f\*R\*R;

printf( "Area of circle is %f having the radius %d",A,R);

return 0;

}

}

Q.5 WAP to calculate the length of String using printf function.(String is ineuron)

Sol.#include<stdio.h>

int main()

{

int x=printf(“ineuron”);

printf(“%d”,x);

return 0;

}

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

Expected output format – “Hello , Amit Kumar”

Sol. #include<stdio.h>

int main()

{

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

return 0;

}

Q.7 WAP to print “%d” on the screen.

Sol.#include<stdio.h>

int main()

{

printf(“%%d”);

return 0;

}

Or

#include<stdio.h>

int main()

{

char x=’%’,y=’d’;

printf(“%c%c”,x,y);

return 0;

}

Q.8 WAP to print “\n” on the screen.

Sol. #include<stdio.h>

int main()

{

char x=92,y=110;

printf("%c%c",x,y);

return 0;

}

Or

#include<stdio.h>

int main()

{

printf(“[\\n](file:///\\n)”);

return 0;

}

Q.9 WAP to print “\\” on the screen.

Sol. #include<stdio.h>

int main()

{

char x=92;

printf("%c%c",x,x);

return 0;

}

Or

#include<stdio.h>

int main()

{

printf(“\\\\”);

return 0;

}

Q.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 – 11 , Year – 2022)

Sol. #include<stdio.h>

#include<conio.h>

int main()

{

int x,y,z;

printf("Enter the date\n");

scanf("%d%d%d",&x,&y,&z);

printf("%d/%d/%d\n",x,y,z);

getch();

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

return 0;

}

Q.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”

Sol. #include<stdio.h>

#include<conio.h>

int main()

{

int x,y;

printf("Enter the time\n");

scanf("%d%d",&x,&y);

printf("%d:%d\n",x,y);

getch();

printf("%d Hour and %d Minute",x,y);

return 0;

}

Q.12 Find output of below code:

int main()

{

int x = printf(“ineuron”);

printf(“%d”,x);

return 0;

}

Sol.Output-ineuron7

Q.5