

Q1. Write a program to print Hello Students on the screen

Solution:

```
#include<stdio.h>

int main() {
    printf("Hello Students");
    return 0;
}
```

Q2. Write a program to print Hello in the first line and Students in the second line.

Solution:

```
#include<stdio.h>

int main()
{
    printf("Hello\nStudents");
    return 0;
}
```

Q3. Write a program to print “MySirG” on the screen. (Remember to print in double quotes)

Solution:

```
#include<stdio.h>

int main()
{
    printf("\"MYSirG\"");
    return 0;
}
```

Q4. WAP to find the area of the circle. Take radius of circle from user as input and print the result in below given format.

Solution:

```
#include<stdio.h>

int main()
{
    int r;
    float a;
    printf("Enter Radius of circle: ");
    scanf("%d",&r);
    a=3.14*r*r;
    printf("Area of circle is %f having the radius %d", a,r);
    return 0;
}
```

Q5. WAP to calculate the length of String using printf function.

Solution:

```
#include<stdio.h>

int main()
{
    int x;
    x = printf("MYSIRG");
    printf("\nLength of string is %d",x);
    return 0;
}
```

Q6. WAP to print the name of the user in double quotes.

Expected output format – “Hello , Amit Kumar”.

Solution:

```
#include<stdio.h>

int main()
{
    printf("\nHello, Amit Kumar\n");
    return 0;
}
```

Q7. WAP to print “%d” on the screen.

Solution:

```
#include<stdio.h>

int main()
{
    printf("%d");
    return 0;
}
```

Q8. WAP to print “\n” on the screen.

Solution:

```
#include<stdio.h>

int main()
{
    printf("\n");
    return 0;
}
```

Q9. WAP to print "\\\" on the screen.

Solution:

```
#include<stdio.h>

int main()
{
    printf("\\\\");
    return 0;
}
```

Q10. 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)

Solution:

```
#include<stdio.h>

int main()
{
    int d,m,y;
    printf("Enter Day, Month and Year in format DD/MM/YYYY : ");
    scanf("%d/%d/%d", &d,&m,&y);
    printf("Day - %d, Month - %d, Year - %d", d,m,y);
    return 0;
}
```

Q11. 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”.

Solution:

```
#include<stdio.h>

int main()
{
    int h,m;
    printf("Enter Time in format HH:MM : ");
    scanf("%d:%d", &h,&m);
    printf("%d Hour and %d Minute", h,m);
    return 0;
}
```

Q12. Find output of below code:

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

Solution:

Output of the given code is: **ineuron7**