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

Ans.

```
 #include<stdio.h>

int main()

{

   printf("Hello Students");

   return 0;

}
```

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

Ans.

```
#include<stdio.h>

int main()

{

   printf("Hello\nStudents");

   return 0;

}
```

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

Ans.

```
#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.

Ans.

```c
#include <stdio.h>

int main()

{

   int radius;

   float area;

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

   scanf("%d", &radius);

   area = 3.14 * radius * radius;

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

   return 0;

}
```

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

Ans.

```c
#include<stdio.h>

int main()

{

   int length = printf("Hello Students");

   printf("%d", length);

   return 0;

}
```

6. **WAP to print the name of the user in double quotes.**
   Expected output format – "Hello , Amit Kumar"

Ans.

#include<stdio.h>

int main()

{

  printf("\"Hello , Sumit Soni\"");

  return 0;

}

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

Ans.

#include<stdio.h>

int main()

{

  printf("%%d");

  return 0;

}

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

Ans.

#include<stdio.h>

int main()

{

  printf("\\n");

  return 0;

}

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

Ans.

#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)

Ans.

```
#include<stdio.h>

int main()

{

    int day,month,year;

    printf("Enter day month and year:");

    scanf("%d/%d/%d",&day,&month,&year);

    printf("Day - %d , Month - %d , Year - %d", day,month,year);

    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"

Ans.

```c
#include<stdio.h>

int main()

{

  int hours, minutes;

  printf("Enter hours and minutes:");

  scanf("%d:%d",&hours,&minutes);

  printf("%d hours and %d minutes", hours, minutes);

  return 0;

}
```

12. Find output of below code:

```c
int main()

{

int x = printf("ineuron");

printf("%d",x);

return 0;

}
```

Ans. It will print the string as it is which is written inside the printf and after that it will print its length.

Output would be: ineuron7