

Practical 1

1)

```
int main()
{ printf("Prageeth Gihan\n");
  printf("St.Aloysius College");
  return 0; }
```

2)

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

3)

```
int main()
{
    int Integer ;
    float floatingPoint ;
    double doublePoint ;
    char name [20];

    printf ("Type A Integer Number :-");
    scanf ("%d",&Integer);
```

```

printf("Enter Floating -decimal- Number :-");
scanf ("%f",&floatingPoint);

printf("Enter Double Number:-");
scanf ("%lf",&doublePoint);

printf("Enter name:- ");
scanf("%s", &name);

printf ("Integer :- %d \n",Integer );
printf ("Floating Number :-%f \n",floatingPoint );
printf ("Double Number :-%f \n",doublePoint );
printf("Your name is %s \n", name );

}

```

4)

```

int main()
{
    int num1,num2,total;

    printf("Enter The First NO->");
    scanf("%d",&num1);
    printf("Enter The Second NO->");
    scanf("%d",&num2);

```

```
total=num1+num2;
```

```
printf("Total %d",total);
```

```
return 0; }
```

5)

```
int main()
```

```
{
```

```
float num1,num2,total;
```

```
printf("Enter The First NO->");
```

```
scanf("%f",&num1);
```

```
printf("Enter The Second NO->");
```

```
scanf("%f",&num2);
```

```
total=num1+num2;
```

```
printf("Total %.3f",total);
```

```
return 0; }
```

6)

```
int main()
```

```
{
```

```
char name[23];
```

```
int x;
```

```
int age,y;
```

```
printf("Your Name:-");
```

```
scanf("%s",&name);
```

```

printf("Birth Year:-");
scanf("%d",&x);
printf("Enter the current year:");
scanf("%d",&y);
age=y-x;
printf("name:%s\n",name);
printf("age:%d\n",age);

return 0; }

```

7)

```

int main() {
int num1,num2,num3;
printf("number 01:",num1);
scanf("%d",&num1);
printf("number 02:",num2);
scanf("%d",&num2);
num3=num1;
num1=num2;
num2=num3;
printf("number 01:%d\n",num1);
printf("number 02:%d\n",num3);
return 0; }

```

8)

The color: blue First number: 12345 Second number: 0025 Third number: 1234 Float number: 3.14

Hexadecimal: ff

Octal: 377 Unsigned value: 150

Just print the percentage sign %

Practical 2

Question 01

```
int main()
{
    printf("Hi, How Old Are You ?");
    printf("\n\n\n");

    printf("Welcome Age:-(22)\n");
    printf("LET'S BE FRIENDS !");
    printf("\n\n\n");
}
```

Question 02

```
int main()
{
    printf("%10d %10d %10d\n\n", 2,2*2,2*2*2);
    printf("%10d %10d %10d\n\n", 3,3*3,3*3*3);
    printf("%10d %10d %10d\n\n", 4,4*4,4*4*4);

}
```

Question 03

```
int main(void)
{
    int distance;

    int time;

    printf("Enter the distance in meter : ");
    scanf("%d",&distance);

    printf("\n\n");

    printf("Enter the time in second : ");
    scanf("%d",&time);


    int speed= distance/time;


    printf("Speed in meter per Second = %d\n",speed);
    printf("\n\n");


    return 0;
}
```

Question 04

```
int main() {
    float celsius, fahrenheit;

    printf("Enter temperature in Celsius: ");
    scanf("%f", &celsius);


    celsius = (fahrenheit - 32.0)*5/9;

    printf("Temperature in Fahrenheit: %.2f\n", celsius);
}
```

```
return 0;
```

```
}
```