Practical 3

```
//Practical No 3
#include<stdio.h>
#include<conio.h>
void main()
{
   int p,n;
   float s_i,r;

   printf("Enter the Amount,Time Period & Rate of intrest:");
   scanf("%d%d%f",&p,&n,&r);

   s_i=(p*r*n)/100;
   printf("Simple intrest is %f",s_i);
   getch();

}
```

Practicsl no 4

```
//Practical no 4
#include<stdio.h>
#include<conio.h>
void main()
{

   int a,b,p,q,r;
   float s;

   printf("Enter two Numbers: ");
   scanf("%d%d",&a,&b);

   p=a+b;
```

```
    printf("Addition is %d \n",p);

    q=a-b;
    printf("Subtraction is %d\n",q);

    r=a*b;
    printf("Multiplication is %d\n",r);

    s=a/b;
    printf("Division is %f\n",s);
    getch();

}
```

Practical no 5:

```
//Practical no 5
#include<stdio.h>
#include<conio.h>
void main()
{

    int a,b,c,d;

    printf("Enter a number:");
    scanf("%d",&a);


    b=a++;
    printf("b=%d\n",b);

    b=++a;
    printf("b=%d\n",b);
```

```
    b=a--;
    printf("b=%d\n",b);

    b=--a;
    printf("b=%d\n",b);

    getch();


}
```

Practical no 6

```
//Convert given Celsius temp into Fahrenheit
#include<stdio.h>
#include<conio.h>
void main()
{

    float c,f;

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

    f=c*(9.0/5.0)+32;

    printf("\nTemperature in Fahrenheit: %f",f);

}
```

Practical no 7:

```
//Practical no 7
#include<stdio.h>
```

```
#include<conio.h>
void main()
{
   int x,y,a,p;

   printf("Enter length and breadth of rectangle: ");
   scanf("%d%d",&x,&y);

   a=x*y;
   printf("Area of rectangle:%d\n",a);

   p=2*(x+y);
   printf("Perimeter of rectangle is %d",p);

   getch();

}
```

Practical no 8:

```
//Practical no 8
#include<stdio.h>
#include<conio.h>
void main()
{
   int y;
   printf("Enter a year: ");
   scanf("%d",&y);

   if(y%4==0)
   {
      if(y%100==0)
         {
```

```
            if(y%400==0)
            printf("It is leap year\n");
            else
            printf("It is Not leap year\n");
           }
        else
        printf("It is leap year\n");

     }
    else
    printf("It is not leap year");

}
```

Practical no 10:

```
//Practical no 10
#include<stdio.h>
#include<conio.h>
void main()
{
    int a, b,c;
    char n;

    printf("Enter two numbers:");
    scanf("%d%d",&a,&b);

    printf("\n \t +:Addition\n");
    printf("\n\t-:Subtraction");
    printf("\n\t*:Multiplication");
    printf("\n\t/:Division(to find Quotient)");
    printf("\n\t%%:Division(to find remainder)");
    printf("\nEnter valid operator:");
```

```
    fflush(stdin);
    scanf("%c",&n);


    switch(n)
    {
    case '+':
        c=a+b;
        printf("Addition is %d\n",c);
        break;

    case '-':
        c=a-b;
        printf("Subtraction is %d\n",c);
        break;

   case '*' :
        c=a*b;
        printf("Multiplication is %d\n",c);
        break;

   case '/' :
        c=a/b;
        printf("Quotient is %d\n",c);
        break;
   case '%':
        c=a%b;
        printf("Reminders is %d\n",c);
        break;
    }
}
```

Practical no 12:

```
//Practical no 11
#include<stdio.h>
#include<conio.h>
void main()
{

   int a,n;

   printf("Enter a Number :");
   scanf("%d",&n);

   switch(n)
   {

   case 1:
      printf("Sunday\n");
      break;
   case 2:
      printf("Monday\n");
      break;

   case 3:
      printf("Tuesday\n");
      break;

   case 4:
      printf("Wednesday\n");
      break;

   case 5:
```

```
        printf("Thursday\n");
        break;
    case 6:
        printf("Friday\n");
        break;
    case 7:
        printf("Saturday\n");
        break;
    default:
        printf("Invalid Input!!");
    }

    getch();
}
```

Practical no 13:

```
//Practical no 13
#include<stdio.h>
#include<conio.h>
void main()
{

    int a=1;
    while(a<=10)
    {
        printf("%d\t",a);
        a++;
    }

}
```

Practical no 14

```
//Practical no 13
```

```
#include<stdio.h>
#include<conio.h>
void main()
{
   int n,x=1,y=1,i,z;

   printf("How many Fibonascci numbers you want?: ");
   scanf("%d",&n);

   if(n>=1)
      printf("%d\t",x);
   if(n>=2)
      printf("%d\t",y);

   for(i=3;i<=n;i++)
   {
      z=x+y;
      printf("%d\t",z);
      x=y;
      y=z;
   }

}
```

Practical no 15:

```
//Practical no 13
#include<stdio.h>
#include<conio.h>
void main()
{
   int n,x=1,y=1,i,z;
```

```
    printf("How many Fibonascci numbers you want?: ");
    scanf("%d",&n);

    if(n>=1)
       printf("%d\t",x);
    if(n>=2)
       printf("%d\t",y);

    for(i=3;i<=n;i++)
    {
       z=x+y;
       printf("%d\t",z);
       x=y;
       y=z;
    }

}
```

Practical no 14:

```
//Practical No 14
#include<stdio.h>
#include<conio.h>
void main()
{

    int a[5],i;
    int g;

    printf("Enter 5 numbers:");
    for(i=0;i<=4;i++);
    scanf("%d",&a[i]);
```

```
   g=a[0];

   for(i=1;i<=4;i++)
   {
      if(g<a[i])
      g=a[i];
   }

   printf("Greatest is %d",a[i]);

   getch();
}
```

Practical no:15

```
//Practical no 15
#include<stdio.h>
#include<conio.h>
void main()
{
   int a[9],i,j,t;

   printf("Enter 10 Integers:");

   for(i=0;i<=9;i++)
     scanf("%d",&a[i]);

   for(j=9;j>=1;j++);
   {
      for(i=0;i<j;i++);
      {

         if(a[i]>a[i+1])
```

```
        {

            t=a[i];
            a[i]=a[i+1];
            a[i+1]=t;
        }
      }
   }
   printf("Sorted array id follows:\n");
   for(i=0;i<=9;i++)
      printf("%d\t",a[i]);
}
```

Practical no 16

```
//Practical no 16
#include<stdio.h>
#include<conio.h>
#include<string.h>
void main()
{
   int i=0;
   char n[50]="Computer";
   printf("Enter a string: ");
   i=strlen(n);
   printf("Length =%d\n",i);
   getch();
}
```