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();

}