**Assignment 1**

**1**

#include <iostream>

using namespace std;

int main()

{

int Num;

cout << "Enter Number" << endl;

cin >> Num;

cout << Num << endl;

return 0;

}

**2**

#include <iostream>

using namespace std;

int main()

{

int Num,Num2,Num3;

cout << "please enter first number" << endl;

cin >> Num;

cout << "please enter second number" << endl;

cin >> Num2;

cout << "please enter third number" << endl;

cin >> Num3;

cout << "summation of 3 integers is " << Num+Num2+Num3 << endl;

return 0;

}

**3**

#include <iostream>

using namespace std;

int main()

{

float Num,Num2,Num3,Avg;

cout << "please enter first number" << endl;

cin >> Num;

cout << "please enter second number" << endl;

cin >> Num2;

cout << "please enter third number" << endl;

cin >> Num3;

Avg=(Num+Num2+Num3)/3;

cout << "the average = " << Avg << endl;

return 0;

}

**4**

#include <iostream>

using namespace std;

int main()

{

int width,height,perimeter,area;

cout << "Width = " ;

cin >> width;

cout << endl;

cout << "Height = " ;

cin >> height;

cout << endl;

perimeter=width+height;

area=width \* height;

cout << "the Perimeter = " <<perimeter << endl;

cout << "the Area = " <<area << endl;

return 0;

}

**5**

#include <iostream>

using namespace std;

int main()

{

int no0fDays,years,weeks,days;

cout << "Number of Days : " ;

cin >> no0fDays;

cout << endl;

years=no0fDays / 365;

weeks=(no0fDays - (years \* 365))/7;

days=no0fDays - (years \* 365)-(weeks \* 7);

cout << "Years : " <<years << endl;

cout << "Weeks : " <<weeks << endl;

cout << "Days : " <<days << endl;

return 0;

}

**6**

#include <iostream>

using namespace std;

int main()

{

int num;

cin >> num;

if(num % 3 ==0 && num % 4 ==0)

cout << "Yes" << endl;

else

cout << "No" << endl;

return 0;

}

**7**

#include <iostream>

using namespace std;

int main()

{

int num;

cin >> num;

if(num < 0)

cout << "Negative" << endl;

else

cout << "Positive" << endl;

return 0;

}

**8**

#include <iostream>

using namespace std;

int main()

{

int Num,Num2,Num3,Num4,Num5,Result;

Result=0;

cout << "the first number :" ;

cin >> Num;

if(Num % 2 !=0)

Result=Result + Num;

cout << "the second number : " ;

cin >> Num2;

if(Num2 % 2 !=0)

Result=Result + Num2;

cout << "the third number : " ;

cin >> Num3;

if(Num3 % 2 !=0)

Result=Result + Num3;

cout << "the fourth number : " ;

cin >> Num4;

if(Num4 % 2 !=0)

Result=Result + Num4;

cout << "the fifth number : " ;

cin >> Num5;

if(Num5 % 2 !=0)

Result=Result + Num5;

cout << "Sum of All Odd Values is " << Result << endl;

return 0;

}

**9**

#include <iostream>

using namespace std;

int main()

{

int month;

cout << "Input a Number between 1 to 12 to get the month Name :";

cin >> month;

switch (month) {

case 1:

cout << "January";

break;

case 2:

cout << "Feberaury";

break;

case 3:

cout << "March";

break;

case 4:

cout << "April";

break;

case 5:

cout << "May";

break;

case 6:

cout << "June";

break;

case 7:

cout << "July";

break;

case 8:

cout << "August";

break;

case 9:

cout << "September";

break;

case 10:

cout << "October";

break;

case 11:

cout << "November";

break;

case 12:

cout << "December";

break;

default:

cout << "Invalid Month Number";

}

}

**10**

#include <iostream>

using namespace std;

int main()

{

int no0fSeconds,hours,minutes,seconds;

cout << "Input Seconds : " ;

cin >> no0fSeconds;

cout << endl;

hours=no0fSeconds / (60\*60);

minutes=(no0fSeconds - (hours \* 60 \* 60))/60;

seconds=no0fSeconds - (hours \* 60 \* 60)-(minutes \* 60);

cout << "H:M:S -" <<hours <<":"<<minutes <<":"<<seconds << endl;

return 0;

}

**11**

#include <iostream>

using namespace std;

int main()

{

int num;

cin >> num;

num % 2 ==0 ? cout <<"Even"<< endl :cout <<"Odd"<< endl;

return 0;

}

**12**

#include <iostream>

using namespace std;

int main()

{

char letter;

cin >> letter;

letter=='a'|| letter=='e'|| letter=='i' || letter=='o' || letter=='u' ? cout <<"vowel"<< endl :cout <<"consonant"<< endl;

return 0;

}

**13**

#include <iostream>

using namespace std;

int main()

{

int num,num2,num3,Min,Max;

cout << "enter first number " ;

cin >> num;

Max=num;

Min=num;

cout << "enter second number " ;

cin >> num2;

if(num2 > Max)

Max=num2;

if(num <Min)

Min=num2;

cout << "enter third number " ;

cin >> num3;

if(num3 > Max)

Max=num3;

if(num3 <Min)

Min=num3;

cout << "Max element : " << Max << endl;

cout << "Min element : " << Min << endl;

return 0;

}