Assignment 1

1

```cpp
#include <iostream>
using namespace std;
int main()
{
    int Num;
    cout << "Enter Number" << endl;
    cin >> Num;
    cout << Num << endl;
    return 0;
}
```

2

```cpp
#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

```cpp
#include <iostream>
```

```cpp
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

```cpp
#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;
```

```cpp
        return 0;
    }
```

5

```cpp
#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

```cpp
#include <iostream>
using namespace std;
int main()
{
    int num;
    cin >> num;
    if(num % 3 ==0 && num % 4 ==0)
        cout << "Yes" << endl;
    else
```

```cpp
        cout << "No" << endl;

    return 0;

}
```

7

```cpp
#include <iostream>

using namespace std;

int main()

{

    int num;

    cin >> num;

    if(num < 0)

        cout << "Negative" << endl;

    else

        cout << "Positive" << endl;

    return 0;

}
```

8

```cpp
#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;
```

```cpp
    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

```cpp
#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:
```

```cpp
  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:
```

```cpp
        cout << "December";
        break;
    default:
        cout << "Invalid Month Number";
    }
}
```

10

```cpp
#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

```cpp
#include <iostream>
using namespace std;
int main()
{
    int num;
    cin >> num;
    num % 2 ==0 ? cout <<"Even"<< endl :cout <<"Odd"<< endl;
```

```cpp
    return 0;
}
```

12

```cpp
#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

```cpp
#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 " ;
```

```cpp
    cin >> num3;
     if(num3 > Max)
        Max=num3;
    if(num3 <Min)
        Min=num3;
    cout << "Max element : " << Max << endl;
    cout << "Min element : " << Min << endl;
    return 0;
}
```