

```
#include <iostream>
using namespace std;
```

1

```
int main ()
{
```

```
    int n;
```

```
    cout << "Enter number:" << endl;
```

```
    cin >> n;
```

```
    if (n < 0)
```

```
    {
```

```
        n = n * (-1);
```

```
    }
```

```
    cout << "absolute value is " << n << endl;
```

```
    return 0;
```

```
}
```

2

```
#include <iostream>
using namespace std;
int main ( )
{
    int n;
    cout << "Enter num:";
    cin >> n;
    if (n%2 == 0)
        cout << "Even" << endl;
    else
        cout << "Odd" << endl;
    return 0 ;
}
```

```
#include <iostream>
using namespace std;
```

3

1a

```
int main ( )
{
```

```
    int n[3];
    int i, j, h, c;
```

```
    cout << "Enter 3 nums: ";
```

```
    for (i=0; i<3; i++)
```

```
    {    cin >> c;
```

```
        n[i] = c;
```

```
    }
```

```
    h = n[0];
```

```
    for (j=1; j<3; j++)
```

```
    {    if (h < n[j])
```

```
        {
```

```
            h = n[j];
```

```
        }
```

```
    }
```

```
    cout << "Highest is " << h << endl;
```

```
    return 0;
```

```
}
```

```
#include <iostream>
using namespace std;
int main ( )
```

```
{ int n1, n2, n3, x;
```

```
cout << "Enter 3 nums: ";
```

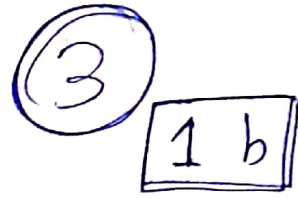
```
cin >> n1 >> n2 >> n3;
```

```
x = n1 > n2 ? (n1 > n3 ? n1 : n3) : (n2 > n3 ? n2 : n3);
```

```
cout << "Highest value is " << x << endl;
```

```
return 0;
```

```
}
```



```
#include <iostream>
using namespace std;
```

3

b 2

```
int main()
{ int n1, n2, n3, m;
  cout << "Enter 3 nums: " << endl;
  cin >> n1 >> n2 >> n3;
  m = n1 > n2 ? (n3 > n1 ? n1 : (n2 > n3 ? n2 : n3)) : .....
  ..... (n3 > n2 ? n2 : (n1 > n3 ? n1 : n3));
  cout << "Middle one is " << m << endl;
  return 0;
}
```

4

```
#include <iostream>  
using namespace std;
```

```
int main( )
```

```
{  
    int temp;  
    cout << "Enter temp:";  
    cin >> temp;
```

```
    if (temp > 50)  
    { cout << "Invalid" << endl; }
```

```
    else if (temp > 30)
```

```
    { cout << "No need to worry jacket" << endl; }  
    else
```

```
    { cout << "Wear down the jacket" << endl; }
```

```
    return 0;
```

```
}
```

```
#include <iostream>
using namespace std;
```

5a

```
int main ( )
{
```

```
    int a, b, c;
    cout << "Enter marks: ";
    cin >> a >> b >> c;
```

```
    float avg = (a+b+c)/3;
```

```
    if (avg > 100 || avg < 0)
        cout << "Not valid";
    if else if (avg ≥ 70)
        cout << "Very Good";
    else if (avg ≥ 55)
        cout << "Good";
    else if (avg ≥ 40)
        cout << "Pass";
    else
        cout << "Fail";
```

```
    return 0;
```

```
}
```

```
#include <iostream>
using namespace std;
int main()
```

5 b

```
{
    int a, b, c;
    cout << "Enter marks:";
    cin >> a >> b >> c;
    float avg = (a + b + c) / 3;
    int x = (avg > 100 || avg < 0) ? "Not Valid" : ....
    .... (avg ≥ 70 ? "Very Good" : (avg ≥ 55 ? "Good" : ...
    .... (avg ≥ 40 ? "pass" : "Fail"));

    return 0;
}
```


6

```
#include <iostream>  
using namespace std;
```

```
int main()
```

```
{ int float c, f;
```

```
    cout << "Enter temp in C:";
```

```
    cin >> c;
```

```
    f = c * 1.8 + 32;
```

```
    cout << "Your temp in F is " << f << endl;
```

```
    return 0;
```

```
}
```