

① largest of 3 No's

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

```
{
    int num1, num2, num3;
```

```
    cout << "The first number is"
    cin >> num1;
```

```
    cout << "The second number is"
    cin >> num2;
```

```
    cout << "The third number is"
    cin >> num3;
```

01

Sunday

```
if (num1 > num2 && num1 > num3)
```

```
{
    cout << "The largest number is" <<
    endl << num1;
```

```
}
else if (num2 > num1 && num2 > num3)
```

```
{
    cout << "The largest number is" <<
    endl << num2;
```

```
}
else
```

My Notes: {

```
    cout << "The largest number is" << endl <<
    num3;
```

```
    return 0;
```

```
}
```

| DECEMBER 2014 | | | | | | |
|---------------|----|----|----|----|----|----|
| | M | T | W | T | F | S |
| 1 | 2 | 3 | 4 | 5 | 6 | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

2015
output:

Notes

The first number is 5
The second number is 6
The third " " 3

The largest number is 6

Q2 (2) Find 2nd max & 2nd min number from an integer array.

```
#include <iostream>
using namespace std;
int main()
{
    int a[10], n, i, j, t;
    cin >> n;
```

```
    for (i = 0; i < n; i++)
    {
        cin >> a[i];
    }
```

```
    for (i = 0; i < n; i++)
    {
        for (j = i + 1; j < n; j++)
        {
            if (a[i] < a[j])
            {
                t = a[i];
                a[i] = a[j];
                a[j] = t;
            }
        }
    }
```

```
    cout << "Second largest no." << a[1];
    cout << "Second smallest no." << a[n-2];
```


④ check whether a string is palindrome or not.

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

```
{
    char a[30];
    int i, n, c=0;
    cin >> a;
    n = strlen(a);
    for (i=0; i<=n/2; i++)
    {
        if (a[i] == a[n-i-1])
            c++;
    }
```

```
    if (c==i)
```

```
    {
        cout << "string is palindrome";
    }
```

```
    else
```

```
    {
        cout << "string is not palindrome";
    }
```

```
    return 0;
}
```

⑤ check whether a no. is prime.

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

| FEBRUARY | | | | | | |
|----------|----|----|----|----|----|----|
| S | M | T | W | T | F | S |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |

```
int n, i, c = 0;
```

```
cin >> n;
```

```
for (i = 2; i <= n/2; i++)
```

```
{
    if (n % i == 0)
```

```
{
```

```
    c++; break;
```

```
}
```

```
}
```

```
if (c == 0)
```

```
{
```

```
    cout << "Given no is prime no";
```

```
}
```

```
else
```

```
{
```

```
    cout << "not prime no";
```

```
}
```

```
return 0;
```

```
}
```

Q C++ program to sort the integers using insertion sort.

```
#include <iostream>
```

```
using namespace std;
```

```
int main()
```

My Notes:

```
int i, n, t, j, a[30];
```

```
cin >> n;
```

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

| JANUARY | | | | | | |
|---------|----|----|----|----|----|----|
| S | M | T | W | T | F | S |
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

2015

Thursday

05

```
}  
cin >> a[i];
```

```
}  
for (i=1; i<=n-1; i++)
```

```
{  
    t = a[i];
```

```
    j = i-1;
```

```
    while ((t < a[j]) && (j >= 0))
```

```
    {
```

```
        a[j+1] = a[j];
```

```
        j = j-1;
```

```
    }
```

```
    a[j+1] = t;
```

```
}
```

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

```
{
```

```
    cout << a[i] << " ";
```

```
}
```

```
return 0;
```

```
}
```