

```
#include <stdio.h>
```

```
int max_of_four(int a, int b, int c, int d)
```

```
{
```

```
    int max;
```

```
    if (a>b)
```

```
    {    if (a>c)
```

```
        {    if (a>d)
```

```
            max =a;
```

```
        else
```

```
            max=d;    }
```

```
    else
```

```
    {    if (c>d)
```

```
        max =c;
```

```
    else
```

```
        max=d;    }}
```

```
    else
```

```
    {    if (b>c)
```

```
        {    if (b>d)
```

```
            max =b;
```

```
        else
```

```
            max=d;    }
```

```
    else
```

```
    {    if (c>d)
```

```
        max =c;
```

```
    else
```

```
        max=d;    }}
```

```
    return max;
```

```
}
```

```
✓ int main() {  
    int a, b, c, d;  
    scanf("%d %d %d %d", &a, &b, &c, &d);  
    int ans = max_of_four(a, b, c, d);  
    printf("%d", ans);  
  
    return 0;  
}
```

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

✓ Sample Test case 0

Input (stdin)

[Download](#)

1	3
2	4
3	6
4	5

Your Output (stdout)

1	6
---	---

Expected Output

[Download](#)

1	6
---	---