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## Function for the difference of two integers

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X51086\_en

Write a function

```
int dif(int x, int y);
```

which returns the difference between  $x$  and  $y$ .

### Input

The input is formed by two integers.

### Precondition

It holds  $0 < x, y < 10^9$ .

### Observation

You only need to submit the required procedure; your main program will be ignored.

### Problem information

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Generation : 2015-03-10 11:24:15

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