Regular absolute value and absolute value with reduced branching when assigned

```
cout<<myabs(7) + myabs(-7)<<endl;//14
```

abs(-7)//7
abs(7)//7

```
void myabs(int x)
{
        int result;
        ….

        cout <<result;
}
```

```
void myabs(int x)
{
  int result;
  if (x >= 0) {
     result = x;
  }
  else {
     result = - x;
  }
  std::cout << result << std::endl;
}
```

```
int myabs(int x)
{
  int result;
  if (x >= 0) {
     result = x;
  }
  else {
     result = - x;
  }
  return result;
}
```

```
int myabs(int x)
{
  int result;
  result=(x >= 0) ? (x) : (-x);
  return result;
}
```

```
int myabs(int x)
{
  return (x >= 0) ? (x) : (-x);
}
```

```
int myabs(int x)
{
  int result;
  if (x >= 0) {
     cout<<x*x;
     result = x;
  }
  else {
     cout << "error";
  }
  return result;
}
```