
p1: compute the minimum of three numbers

```
int a = 1, b = 2, c = 3;
int min = a;
```

```
if (min > a)
{
    min = a;
}
if (min > b)
{
    min = b;
}
print(min);
```

p2: verify if a number is prime

```
int x = 12;
int i = 2;
bool prime = true;
while (i*i <= x && prime)
{
    if (x % i == 0)
    {
        prime = false;
    }
    i = i + 1;
}
print(prime);
```

p3: compute the sum of n numbers

```
int n = 5;
int sum = 0;
int i = 0;
int var;
while (i < n)
{
    var = readInt();
    sum = sum + var;
    i = i + 1;
}
```

p1err:

```
int 4n = 5; //identifier has to start with a letter
int sum = 015; // constant int cannot start with 0 if the constant is not zero
int i = 0;
int var;
while (i < n)
{
```

```
var = readInt();  
sum = sum + var;  
i = i + 1;  
}
```