```
function sum(value){

var sum1 = 0; for(var i=1; i<value; i++){ var a = i*i;

  if (a<value){
   var sum1 = sum1+a;
  }

}

var count = new Map(); count.set('perfect_square_sum',sum1);

return count;

}

sum(10);

module.exports = sum;
```