

### Problem 3. Find the sum of all the numbers of the input vector

Find the sum of all the numbers of the input vector x.

Examples:

Input x = [1 2 3 5]

Output y is 11

```
x = [1 2 3 5]
```

```
x = 1x4  
    1     2     3     5
```

```
y = 11
```

```
y = 11
```

```
result = vecsum(x)
```

```
result = 11
```

```
assert(isequal(result,y));
```

Input x = [42 -1]

Output y is 41

```
x = [42 -1]
```

```
x = 1x2  
    42    -1
```

```
y = 41
```

```
y = 41
```

```
result = vecsum(x)
```

```
result = 41
```

```
assert(isequal(result,y));
```

```
function ans = vecsum(x)  
    sum(x);  
end
```