

PART 1:

In [104...

```
pwd
```

Out[104...

```
'/content'
```

In [105...

```
from google.colab import drive  
drive.mount('/content/drive')
```

Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content/drive", force_remount=True).

In [106...

```
x,y=0,0  
initial_pt=(x,y)
```

In [107...

```
df=pd.read_csv('/content/drive/My Drive/input2.csv',names=['command'])
```

In [108...

```
df=df['command'].str.split(' ')
```

In [109...

```
for item in data:  
    if item[0]=='forward':  
        x+=int(item[1])  
    elif item[0]=='down':  
        y+=int(item[1])  
    else:  
        y-=int(item[1])
```

In [110...

```
(x,y)
```

Out[110...

```
(1957, 955)
```

In [111...

```
x*y
```

Out[111...

```
1868935
```

PART 2:

In [114...

```
x,y, aim=0,0,0  
initial_pt=(x,y)
```

In [115...

```
for item in df:  
    if item[0]=='forward':  
        x+=int(item[1])  
        y+=aim*int(item[1])  
    elif item[0]=='down':  
        aim+=int(item[1])  
    else:  
        aim-=int(item[1])
```

In [116...

```
x,y
```

Out[116...

```
(1957, 1004584)
```

In [117...

```
x*y
```

Out[117...

```
1965970888
```

CODE OR OTHER SOURCE:

<https://docs.python.org/3/><https://adventofcode.com/2021/day/2>