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In [1]: p=17; g=3;
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In [2]: a=7; #numero secreto Alice
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In [3]: b=4; #numero secreto Bob
```

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In [5]: A=g^a %p; A #Calculo de Alice y se lo envia a Bob
```

```
Out[5]: 11
```

```
In [6]: B=g^b %p; A #Calculo de Bob y se lo envia a Alice
```

```
Out[6]: 11
```

```
In [8]: K1=B^a % p; K1 #Calculo de Alice, la clave acordada
```

```
Out[8]: 4
```

```
In [9]: K2=A^b % p; K2 #Calculo de Bob, la clave acordada
```

```
Out[9]: 4
```

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In [ ]:
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