

```
kali㉿kali:~/Desktop/esercizi_php
```

```
(kali㉿kali:~/Desktop/esercizi_php)$ openssl genpkey -algorithm RSA -out private_key.pem -pkeyopt rsa_keygen_bits:2048-----
```

```
(kali㉿kali:~/Desktop/esercizi_php)$ openssl rsa -pubout -in private_key.pem -out public_key.pem
```

```
writing RSA key
```

```
(kali㉿kali:~/Desktop/esercizi_php)$ ls
```

```
01buildweek.py encdec.py firma.py private_key.pem public_key.pem
```

```
(kali㉿kali:~/Desktop/esercizi_php)$ python firma.py
```

```
Base64 della firma: XwIVKxX12vQtpcotjV40HEUsAUyFmNr0rtKEkXQCfYAyDVs9iGtPbMxF1Za92b5qdLiRKoSNGb3AAyXzpVEI7X24TVIwaGjrBV5kIT+yUy1MqexohLX3bz49V/WcDeZ1v4PxYBY/mk0y0cMzAcdZv1zoaheH+8lb0LPgH0WnFr2FnWlxGavnZ01m5B2hpAncQVF7XEBSSKn2kqSmh+z53Zoch5P00qj0SYFMWNZzi98wQeTBwcjMudy0IBLd9uXHc1T9raqQPqYUmI6u8LEj2tuVC6BnJ7kY3nmee*TK1xjglqJTjinobDYNpd0zKZMcqg@NdWgXLQ==
```

```
Messaggio originale da confrontare: Ciao, Epicode spaccat!
```

```
La firma è valida.
```

```
(kali㉿kali:~/Desktop/esercizi_php)$
```