

```
While True{
```

```
Input_ip #string verify – hint: regex -> validate_ip
```

```
input_cidr #string (optional) -> validate_cidr
```

```
Partition_hosts_or_subnets #string -> validate_partitioning
```

- Input\_number\_of\_hosts #int -> validate\_int
- Input\_number\_of\_subnets #int -> validate\_int

```
Def calculate_mask(input_cidr)
```

```
Def calculate_class()
```

```
print(input_cidr)
```

```
Def Calculate_hosts
```

```
Def Calculate_subnets
```

```
Def calculate_network_broadcast_address
```

```
}
```