

```
# bike rental system
```

```
class BikeShop:
```

```
    def __init__(self,stock):
```

```
        self.stock = stock
```

```
    def ShowBike(self):
```

```
        print("Total Bikes:",self.stock)
```

```
    def rentBike(self,quantity):
```

```
        if quantity<=0:
```

```
            print("Please Enter the Positive value or greater than zero")
```

```
        elif quantity > self.stock:
```

```
            print("Enter the value(less than stock)")
```

```
        else:
```

```
            self.stock = self-stock
```

```
            print("Total Price :",quantity* 100)
```

```
            print("Total Bikes",self.stock)
```

```
while True:
```

```
    obj = BikeShop(100)
```

```
    user_input = int(input(" "
```

```
    1->Display stock
```

```
    2->Rent a Bike
```

3->Exit

```
    ""))
```

```
if user_input == 1:
```

```
    obj.ShowBike()
```

```
elif user_input == 2:
```

```
    n = int(input("Enter the Rent Bike:->"))
```

```
    obj.rentBike(n)
```

```
else:
```

```
    break
```