

EXPERIMENT – 17

PROGRAM:

```
print("Enter mobile brand:")
```

```
brand = input()
```

```
print("Enter RAM (GB):")
```

```
ram = int(input())
```

```
print("Enter storage (GB):")
```

```
storage = int(input())
```

```
print("Enter age (years):")
```

```
age = int(input())
```

```
base_prices = {'Apple': 50000,  
'Samsung': 30000, 'Xiaomi': 20000}
```

```
base_price = base_prices.get(brand,  
15000)
```

```
ram_price = ram * 2000
```

```
storage_price = storage * 100
```

```
depreciation = age * 3000
```

```
price = base_price + ram_price +  
storage_price - depreciation
```

```
price = max(price, 5000)
```

```
print("Estimated price:", price)
```