

EXPERIMENT – 13

PROGRAM:

```
print("Enter car year:")
year = int(input())

print("Enter mileage:")
mileage = float(input())

print("Enter car brand:")
brand = input()

base_price = 20000
year_factor = (year - 2000) * 500
mileage_factor = - (mileage / 1000)
* 100

brand_factors = {'Toyota': 2000,
                 'Honda': 1500, 'Ford': 1000, 'BMW':
                 5000}

brand_factor =
brand_factors.get(brand, 0)

price = base_price + year_factor +
mileage_factor + brand_factor

price = max(price, 5000)

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