

## House Price Prediction

```
#include <stdio.h>

float slope = 1.5;

float intercept = 10;

float predictHousePrice(float area)
{
    return slope * area + intercept;
}

int main()
{
    float area;

    printf("Enter the area of the house (in square feet): ");

    scanf("%f", &area);

    float predictedPrice = predictHousePrice(area);

    printf("Predicted house price: $%.2f\n", predictedPrice);

    return 0;
}
```