```
Enter your height in centimeters :
150
Average
PS C:\Users\HP\OneDrive\Desktop\c code> ./a.exe
Enter your height in centimeters :
200
Tall
PS C:\Users\HP\OneDrive\Desktop\c code> ./a.exe
Enter your height in centimeters :
100
Dwarf
PS C:\Users\HP\OneDrive\Desktop\c code>
```

```c
#include <stdio.h>
void decimalToBinary(int num){
    if(num>0){
        decimalToBinary(num/2);
        printf("%d",num%2);
    }
}
int main() {
int decimalNo;
printf("enter any decimal number:");scanf("%d",&decimalNo);
printf("Binary Representation:");
decimalToBinary(decimalNo);
return 0;
}
```

```
PS C:\Users\HP\OneDrive\Desktop\c code> gcc h.c
PS C:\Users\HP\OneDrive\Desktop\c code> ./a.exe
enter any decimal number:4
Binary Representation:100
PS C:\Users\HP\OneDrive\Desktop\c code>
```

```c
> main()
#include <stdio.h>
void Fibonacci(int num){
    int count=0;
    int n1=0;
    int n2=1;
    while(count<num){
    printf("%d ",n1);
    int nth = n1 + n2;
    n1 = n2;
    n2 = nth;
    count+=1;

    }
}
int main() {
int fab;
printf("enter a number:");
scanf("%d",&fab);
if (fab==0){
printf("Fibonacci series doesn't exist");
}
else {
Fibonacci(fab);
}
return 0;
}
```

```
enter a number:5
0 1 1 2 3
PS C:\Users\HP\OneDrive\Desktop\c code>
```

```c
1   #include <stdio.h>
2 v int main() {
3
4     int employeeId;
5     float hoursWorked;
6     float salaryPerHour;
7     printf("Enter your Employee ID: \n"); scanf("%d",&employeeId);
8     printf("Enter total hours worked in a month: \n"); scanf("%f",&hoursWorked);
9     printf("Enter salary per hour: \n"); scanf("%f",&salaryPerHour);
10    printf("employee ID :%d",employeeId);
11    printf("salary per month:Rs.%.2f",hoursWorked*salaryPerHour);
12    return 0;
13  }
```

```
PS C:\Users\HP\OneDrive\Desktop\c code> gcc h.c
PS C:\Users\HP\OneDrive\Desktop\c code> ./a.exe
Enter your Employee ID:
1234
Enter total hours worked in a month:
12
Enter salary per hour:
1000
employee ID :1234salary per month:Rs.12000.00
PS C:\Users\HP\OneDrive\Desktop\c code>
```

```c
1   #include <stdio.h>
2 v int main() {
3     float height;
4     float width;
5     printf("Enter the height of the rectangle: \n"); scanf("%f",&height);
6     printf("Enter width of the rectangle: \n"); scanf("%f",&width);
7
8     printf("Perimeter of rectangle is :%.2f",2*(height+width));
9     printf("Area of rectangle is: %.2f",height*width);
10    return 0;
11  }
```

```
PS C:\Users\HP\OneDrive\Desktop\c code> gcc h.c
PS C:\Users\HP\OneDrive\Desktop\c code> ./a.exe
Enter the height of the rectangle:
10
Enter width of the rectangle:
20
Perimeter of rectangle is :60.00Area of rectangle is: 200.00
PS C:\Users\HP\OneDrive\Desktop\c code>
```

```c
#include <stdio.h>
int main() {
int height;printf("Enter your height in centimeters : \n"); scanf("%d",&height);
if (height<150){
    printf("Dwarf");
}else if (height==150){
    printf("Average");
}else if (height>=165){
    printf("Tall");
}else{
    printf("Sorry!");
}
return 0;
}
```