

32. #include <stdio.h>

```
int main() {  
    float height_cm;  
    float height_feet;  
  
    // Input height in centimeters  
    printf("Enter height in centimeters: ");  
    scanf("%f", &height_cm);  
  
    // Convert height from centimeters to feet  
    height_feet = height_cm / 30.48; // 1 foot = 30.48 cm  
  
    // Categorize based on height in feet  
    if (height_feet > 5.5) {  
        printf("Taller (above 5.5 feet)\n");  
    } else if (height_feet < 4.5) {  
        printf("Dwarf (below 4.5 feet)\n");  
    } else {  
        printf("Average height (between 4.5 and 5.5 feet)\n");  
    }  
  
    return 0;  
}
```