Program :

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#include<stdio.h>

int main(){
int n;
printf("Enter total no. of objects: ");
scanf("%d", &n);

int m;
printf("Enter the value of m: ");
scanf("%d", &m);

int v[n];
printf("Enter the values: ");
for(int i = 0; i < n; i++){
        scanf("%d", &v[i]);
}

int w[n];
printf("Enter the weights: ");
for(int i = 0; i < n; i++){
        scanf("%d", &w[i]);
}

float f[n];

for(int i = 0; i< n; i++){
        f[i] = (float)v[i] / w[i];
}

for(int i = 0; i < n -1; i++){

        for(int j = 0; j < n - i -1; j++){
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                    if(f[j] < f[j+1]){
                    float temp = f[j];
                    f[j] = f[j + 1];
                    f[j+1] = temp;

                    int tv = v[j];
                    v[j] = v[j + 1];
                    v[j+1] = tv;

                    int tw = w[j];
                    w[j] = w[j + 1];
                    w[j+1] = tw;
                    }
            }
}

float sp = 0;
int sw = 0;

for(int i = 0; i < n; i++){
            int tempsw = sw + w[i];
            if(tempsw < m){
                    sw = tempsw;
                    sp = sp + v[i];
            }
            else if(tempsw == m){
                    sw = tempsw;
                    sp = sp + v[i];
                    break;
            }
            else{
                    float frac = (float)(m-sw) / (float)w[i];
                    printf("%f\n\n", frac);
                    sw = m;
```

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                    sp = (float)sp + (float)(v[i] * frac);
                    break;
                }
        }
        printf("SW : %d \n", sw);
        printf("SP : %f \n", sp);

    return 0;
    }
```

Output :