#include <stdio.h>

int main()

{

int n;

char\* a[10]={"Fitbit Plus: 7980","IPods: 22349","MI Band: 999","Cult Pass: 2799","Macbook Pro:229900","Digital Camera: 11101","Alexa: 9999","SandwichToaster: 2195","Microwave Oven: 9800","Scale: 4999"};

printf("number of employees:");

scanf("%d",&n);

int b[10]={7980,22349,999,2799,229900,11101,9999,2195,9800,4999};

int d[10];

printf(" Here the goodies that are selected for distribution are:");

int c[n];

for(int i=0;i<n;i++)

{

scanf("%d ",&c[i]);

}

for(int i=0;i<n;i++)

{

printf("%s ",a[c[i]]);

}

int k=0;

for(int i=0;i<n;i++)

{

for(int j=i+1;j<n;j++)

{

if(b[c[i]]<b[c[j]])

{

int t;

t=b[c[i]];

b[c[i]]=b[c[j]];

b[c[j]]=t;

}

}

d[k]=b[c[i]];

k++;

}

int s=d[0]-d[k-1];

printf("And the difference between the chosen goodie with highest price and the lowest price is %d",s);

return 0;

}