#include <stdio.h>

int main()

{

int n;

char\* x[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 y[10]={7980,22349,999,2799,229900,11101,9999,2195,9800,4999};

int z[10];

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

int a[n];

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

{

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

}

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

{

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

}

int k=0;

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

{

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

{

if(y[a[i]]<y[a[j]])

{

int t;

t=y[a[i]];

y[a[i]]=y[a[j]];

y[a[j]]=t;

}

}

z[k]=y[a[i]];

k++;

}

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

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

return 0;

}