**100 days of code**

**Day 1**

**CODE**:

#include<stdio.h>

void main()

{

int a[6],min,max;

int pro=0;

int b[6];

int i,bd,sd;

printf("\nEnter the prices of the stock for each day: \n");

for(i=0;i<6;i++)

{

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

}

min=a[0];

for(i=0;i<6;i++)

{

if(min>a[i])

{

min=a[i];

bd=i+1;

}

}

printf("\nYou can buy on day %d",bd);

max=0;

for(i=0;i<6;i++)

{

if(min<a[i] && i>(bd-1))

{

pro=a[i]-min;

if(pro>max)

{

max=pro;

sd=i+1;

}

}

}

if(max!=0)

{

printf("\nThe maximum profit can be obtained on day %d and it is: %d ",sd,max);

}

else

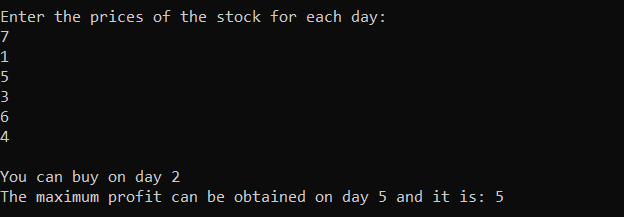
{

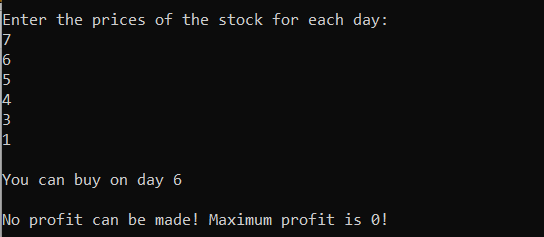
printf("\n\nNo profit can be made! Maximum profit is 0!");

}

}

**OUTPUT**

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