**TASK-1.1 Name: Tanaya Balaji Dahatonde**

1. **Write code for balance bracket**

#include<stdio.h>

int main()

{

char Exp[50];

int x=0, i=0;

printf("Enter an Expression");

scanf("%s", Exp);  .

while(Exp [i]!= '\0')

{

if(Exp [i]=='(')

{

x++;

}

else if(Exp [i]==')')

{

x--;

if(x<0)

break;

}

i++;

}

if(x==0)

{

printf("Expression is balanced");

}

else

{

printf("Expression is unbalanced");

}

return 0;

}

{

vector<int> prices = { 5, 4, 2, 8 };

cout << "The minimum cost is " << findMinCost(prices);

return 0;

}