Mawlana Bhashani Science and Technology University

Department of Information and Communication Technology

Assignment: 05

Assignment Name: Forward method

Device info:

System type: 64-bit operating system

Window Edition: Windows 11 Home Single Language

Code Blocks Version: Code::Blocks 20.03

Submitted By
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1st Year 2nd Semester
Session: 2021-2022

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Date: 19-08-2023

Source Code:

```c
#include<stdio.h>
int main()
{
    int Mugdha[20],i,t,n,x,b;
    printf("How many elements do you want to input first: ");
    scanf("%d",&n);
    printf("Enter %d values below:\n",n);
    for(i=0;i<n;i++)
    {
        scanf("%d",&Mugdha[i]);
    }
    printf("Enter the index you want to insert:");
    scanf("%d",&x);
    printf("Enter the value you want to insert:");
    scanf("%d",&b);
    t=Mugdha[x];
    Mugdha[x]=b;
    for(i=x+1;i<n+1;i++)
    {
        int q=Mugdha[i];
        Mugdha[i]=t;
        t=q;
    }
    for(i=0;i<n+1;i++)
    {
        printf("Kuldip[%d]=%d\n",i,Mugdha[i]);
    }
return 0;
}
```

Input/Output:

```
C:\  "E:\Data structure BKP\Forwa    ×      +    ∨

How many elements do you want to input first: 5
Enter 5 values below:
1
2
3
4
5
Enter the index you want to insert:2
Enter the value you want to insert:67
Kuldip[0]=1
Kuldip[1]=2
Kuldip[2]=67
Kuldip[3]=3
Kuldip[4]=4
Kuldip[5]=5

Process returned 0 (0x0)    execution time : 16.689 s
Press any key to continue.
```