Mawlana Bhashani Science and Technology University

Department of Information and Communication Technology

Assignment: 06

Assignment Name: Backward method

Device info:

System type: 64-bit operating system

Window Edition: Windows 11 Home Single Language

Code Blocks Version: Code::Blocks 20.03

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1st Year 2nd Semester
Session: 2021-2022

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Source Code:

```
#include<stdio.h>
int main()
{
    int a[15],i,t,n,b;
    printf("How many element do you want to insert:");
    scanf("%d",&b);
    printf("Enter %d values below:\n",b);
    for(i=0; i<b; i++)
    {
        scanf("%d",&a[i]);
    }
    printf("Enter the index you want to insert:");
    scanf("%d",&n);
    a[b]=0;
    for(i=b; i>n; i--)
    {
        if(i>i-1)
        {
            t=a[i];
            a[i]=a[i-1];
            a[i-1]=t;
        }
    }
    printf("Enter the new value:");
    scanf("%d",&a[n]);
    for(i=0; i<b+1; i++)
    {
        printf("index[%d]=%d\n",i,a[i]);
```

```
    }

    return 0;
}
```

Input/Output: