Assignment Of Day 3

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**Question 1**

Write the program for deleting an element from the beginning and from any position.

**Question 2**

Write the program for printing the array after rotating it k times towards left, where k would be

taken as user input.

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**Answers :**

**Question (1)**

//program for question 1

#include <stdio.h>

int main() {

int i,j,n,arr[50];

printf("How many elements you want to enter ?");

scanf("%d",&n);

printf("Enter those elements : ");

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

{

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

}

int pos;

printf("Enter the position from which you want to delete an element ?");

scanf("%d",&pos);

if(pos<0 || pos>n)

{

printf("Please enter the correct position ..\n");

}

else{

for(i=pos-1;i<n-1;i++)

{

arr[i]=arr[i+1];

}

--n;

printf("\n The required array is as follows :");

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

{

printf("%d ",arr[i]);

}

}

}

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Question (2)

//program for question 2

#include <stdio.h>

int main() {

int i,j,n,arr[50];

printf("How many elements you want to enter ?");

scanf("%d",&n);

printf("Enter those elements : ");

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

{

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

}

int k,temp;

printf("Enter k for printing the array after rotating it k times towards left ?");

scanf("%d",&k);

if(k<0 || k>n)

{

printf("Please enter the correct position ..\n");

}

else{

for(i=0;i<=k-1;i++)

{

temp=arr[0];

for(j=0;j<n-1;j++)

{

arr[j]=arr[j+1];

}

arr[n-1]=temp;

}

printf("\n The required array is as follows :");

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

{

printf("%d ",arr[i]);

}

}

}

**Thank You !!!**