

DOP-0147 - Roll No

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CS 217

QNO-1

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```
void Mix(int A[], int B[], int n, int m)
```

```
{ int C[20], i=0, j=0, k=0, l;
```

```
l = m+n-1;
```

```
while (i < n && k < 20)
```

```
{ if (A[i] % 2 == 0)
```

```
{ C[k] = A[i];
```

```
k++;
```

```
i++;
```

```
else
```

```
{ C[l] = A[i];
```

```
l--;
```

```
}
```

```
}
```

```
while (j < m && k < 20)
```

```
{ if (B[j] % 2 == 0)
```



```
{ C[k] = B[j];
```

```
    k++;  
    j++; }
```

```
    else  
    { C[l] = B[j];  
      l--;  
      j++; }
```

```
cout << "The elements in the Array  
C are: ";
```

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

```
    cout << "\n" << C[i];
```

```
}
```