


```

cin >> t;

while (t--> 0) {
    int id, count = -1;
    cout << "\nEnter the process ID: ";
    cin >> id;
    for (int i = 0; i < n; i++) {
        if (mm[i][1] == id) {
            count = i;
            break;
        }
    }
    if (count == -1) {
        cout << "Process not found.....";
    } else {
        external_fragment += mm[count][0];
        mm[count][1] = -1;

        for (int i = count; i < n - 1; i++) {
            mm[i][0] = mm[i + 1][0];
            mm[i][1] = mm[i + 1][1];
        }
        n--;
        print(mm, n, memsize, total);
    }
}
cout << "\nTotal External fragmentation:" << external_fragment << " MB";
}

int main() {

    int memsize;
    cout << "Enter the total size of main memory (MB): ";
    cin >> memsize;
    MVT(memsize);
}

```

Sample Output:

Enter the total size of main memory(MB):20

Enter the number of processes you want to enter:3

Enter the process id and size:1 2

MAIN MEMEORY

```
-----  
Block0 |   P1   | 2 MB  
-----  
Block n |         | 18 MB  
-----
```

Enter the procces id and size:2 5

MAIN MEMEORY

```
-----  
Block0 |   P1   | 2 MB  
-----  
Block1 |   P2   | 5 MB  
-----  
Block n |         | 13 MB  
-----
```

Enter the procces id and size:3 3

MAIN MEMEORY

```
-----  
Block0 |   P1   | 2 MB  
-----  
Block1 |   P2   | 5 MB  
-----  
Block2 |   P3   | 3 MB  
-----  
Block n |         | 10 MB  
-----
```

Enter the number of procces you want to swap:2

Enter the procces id:2

MAIN MEMEORY

```
-----  
Block0 |   P1   | 2 MB  
-----  
Block1 |         | 5 MB  
-----  
Block2 |   P3   | 3 MB  
-----  
Block n |         | 10 MB  
-----
```

Enter the procces id:4

Process not found.....

Total External fragmentation:5 MB