Q2.

```c
# include < conio.h >
# include < stdio.h >
int main ()
{
int i, j, sum = 0, n;
int d [20];
int disk ; ~~was~~

int temp, max;
int dloc; ~~z~~

clrscr();
printf ("Enter number of location \t");
sconf ("%d", &n);
print f(" enter elements ~~fo~~ of disk queue\n");
for (i = 0; i<n; i++)
{
if (d [i] > d [j]).
{
    temp = d [i];
    d[i] = d [j];
    d[j] = temp ;
}
}
}

max = d [n];
```

```c
for (i = 0; i<n; i++)
{
    if (disk == d[i])
}
    printf("%d ->", d[i]);
}
    printf("0 ->");
for (i = dloc + 1; i<n; i++)
{
    printf("%d ->", d[i]);
}
    sum = disk + max;
    printf("\n movement of total cylinder %d", sum);
    getch();
    return 0;
}
```

Abhay.

```
enter number of location          8
enter position of head  53
enter elements of disk queue
98
183
37
122
14
124
65
67
53 -->37 -->14 -->0 -->65-->67-->98-->122-->124-->183-->
movement of total cylinders 236_
```