

```

#include<stdio.h>

int main()
{
    int mat[5][5],i,j,c,sum=0,c1,r;
    printf("Enter row : ");
    scanf("%d",&r);
    printf("Enter coloum : ");
    scanf("%d",&c);
    for(i=0;i<r;i++)
    {
        for(j=0;j<c;j++)
        {
            printf("Enter the element of [%d][%d] : ",i,j);
            scanf("%d",&mat[i][j]);
        }
    }
    printf("The matrix is : \n");
    for(i=0;i<r;i++)
    {
        for(j=0;j<c;j++)
        {
            printf("%d\t",mat[i][j]);
        }
        printf("\n");
    }
    printf("Enter the coloumn number :");
    scanf("%d",&c1);
    if(c1==1)
    {
        for(i=0;i<r;i++)

        {
            sum=sum+mat[i][0];

```

```
}
```

```
printf("%d",sum);
```

```
}
```

```
if(c1==2)
```

```
{
```

```
for(i=0;i<r;i++)
```

```
{
```

```
sum=sum+mat[i][1];
```

```
}
```

```
printf("%d",sum);
```

```
}
```

```
if(c1==3)
```

```
{
```

```
for(i=0;i<r;i++)
```

```
{
```

```
sum=sum+mat[i][2];
```

```
}
```

```
printf("%d",sum);
```

```
}
```

```
if(c1==4)
```

```
{
```

```
for(i=0;i<r;i++)
```

```
{
```

```
sum=sum+mat[i][3];
```

```
}
```

```
    printf("%d",sum);  
}  
if(c1==5)  
{  
    for(i=0;i<r;i++)  
  
        {  
            sum=sum+mat[i][4];  
  
        }  
  
    printf("%d",sum);  
}  
}
```