

```
#include <stdio.h>
```

```
int main() {
```

```
    int a[4][3], i, j, max, z;
```

```
    for (i=0; i<4; i++)
```

```
    {
```

```
        printf("\nEnter the marks of student %d in sub1, sub2, sub3: ", i+1);
```

```
        for (j=0; j<3; j++)
```

```
            scanf("%d", &a[i][j]);
```

```
    }
```

```
    printf("\n");
```

```
    for (i=0; i<4; i++)
```

```
    {
```

```
        printf("\n Student %d", i+1);
```

```
        for (j=0; j<3; j++)
```

```
            printf(" %d\t", a[i][j]);
```

```
        }
```

```
        printf("\n");
```

```
        for (j=0; j<3; j++) {
```

```
            max=0;
```

```
            for (i=0; i<4; i++) {
```

```
                if (max < a[i][j]) {
```

```
                    max = a[i][j];
```

```
                    z = i+1;
```

```
                }
```

```
            }
```

```
            printf("\n The max marks in sub %d is by student %d and is %d\n", j+1, z, max);
```

```
        }
```

```
    return 0;
```

```
}
```