

DS Lab KCS351 – A1

ABHISHEK RAJPUT

2100290120007

TASK : Linked List Application

```
// ABHISHEK RAJPUT
```

```
// 2100290120007
```

```
// 19-09-2022
```

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

```
struct node
```

```
{
```

```
    int roll_no;
```

```
    int date;
```

```
    int month;
```

```
    int year;
```

```
    struct node *next;
```

```
}head,second,third;
```

```
int main()
```

```
{
```

```
    struct node*temp;
```

```
    head.roll_no=7;
```

```
    head.date=9;
```

```
    head.month=03;
```

```
    head.year=2001;
```

```
    head.next=&second;
```

```
    second.roll_no=7;
```

```
    second.date=23;
```

```
    second.month=05;
```

```
    second.year=2002;
```

```
    second.next=&third;
```

```
third.roll_no=7;

third.date=10;

third.month=11;

third.year=2003;

third.next=NULL;


temp=&head;
while(temp !=NULL)
{
    printf("Roll number : %d\n",temp->roll_no);
    printf("Date : %d\n",temp->date);
    printf("Month : %d\n",temp->month);
    printf("Year : %d\n",temp->year);
    temp = temp ->next;
}

return 0;
}
```

OUTPUT

Roll number : 7

Date : 9

Month : 3

Year : 2001

Roll number : 7

Date : 23

Month : 5

Year : 2002

Roll number : 7

Date : 10

Month : 11

Year : 2003