

Class Homework to Use a Loop

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

```
#include <stdlib.h>
```

```
#include <time.h>
```

```
int main()
```

```
{
```

```
    int day;
```

```
    char *days[] = {"Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Sunday"};
```

```
    srand(time(0));
```

```
    while (1) {
```

```
        printf("Enter any day between 1 to 7: ");
```

```
        scanf("%d", &day);
```

```
        switch(day){
```

```
            case 1: printf("Monday\n");
```

```
                return 0;
```

```
            case 2: printf("Tuesday\n");
```

```
                return 0;
```

```
            case 3: printf("Wednesday\n");
```

```
                return 0;
```

```
            case 4: printf("Thursday\n");
```

```
                return 0;
```

```
            case 5: printf("Friday\n");
```

```
                return 0;
```

```
            case 6: printf("Saturday\n");
```

```
                return 0;
```

```
            case 7: printf("Sunday\n");
```

```
                return 0;
```

```
            default:
```

```
    int ran = rand() % 7;

    printf("Invalid input! Here's a random day: %s\n", days[ran]);
}

}

return 0;

}
```