



```
#include <stdio.h>
#include <stdlib.h>
#include <time.h>
int main()
{
int random_No=0,count=0,num;
int stime;
long ltime;

//initialise srand with current time, to get random number on every run
ltime = time(NULL);
stime = (unsigned) ltime/2;
srand(stime);

//generate random number
random_No=rand()%100;

//run infinite loop
while(1)
{
//increase counter
count+=1;

//read number from user
printf("\n\nGuess a number from (0 to 100): ");
```

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

```
//compare entered number with generated number
```

```
if(random_No==num){
```

```
printf("Congratulations, you have guessed a correct number.");
```

```
break;
```

```
}
```

```
else if(random_No<num){
```

```
printf("Generated number is less than entered number, try your luck again...");
```

```
}
```

```
else if(random_No>num){
```

```
printf("Generated number is greater than entered number, try your luck again...");
```

```
}
```

```
if(count==7){
```

```
printf("\n\n### Maximum limit of attempt finished, BAD LUCK !!!\n");
```

```
break;
```

```
}
```

```
}
```

```
return 0;
```

```
}
```