

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

```
int fact(int x){  
    int fact=1;  
    for(int i=1;i<=x;i++){  
        fact*=i;  
    }  
    return fact;  
}
```

```
int main (){  
    for(int i=1;i<=10;i++){  
        printf("%d\n",fact(i));  
    }  
    return 0;  
}
```