import 'dart:io';  
class Book{  
 int n=0;  
 int fac=1;  
  
 set(){  
 print('enter factorial number');  
 n=int.*parse*(stdin.readLineSync()!);  
  
 while(n > 0){  
 print(n);  
 fac=fac\*n;  
 n=n-1;  
 }  
 }  
 get(){  
 print('factorial is: $fac');  
 }  
}  
void main(){  
 Book b=Book();  
 b.set();  
 b.get();  
}

**OUTPUT**

**enter factorial number**

**4**

**4**

**3**

**2**

**1**

**factorial is: 24**