print("Hello World! :-)");

print("\*\*\*\*\*\*\*\*\*\*\* class activity finding factorial using recursive function \*\*\*\*")

// enter value

let data = 10

func fact(no: Int) -> Int {

if no == 1 {

return 1

} else {

return no \* fact(no:no - 1)

}

}

let result = fact(no:data)

print("factorial of \(data) is \(result)")