//Dictionary

var address = [String:AnyObject]()

address["street"] = "265 yorkland blvd" as AnyObject

address["area"] = "North York" as AnyObject

address["postal code"] = "M1H1Y1" as AnyObject

var person = [String:AnyObject]()

person["firstname"] = "Gurpreet" as AnyObject

person["lastname"] = "Singh" as AnyObject

person["age"] = 23 as AnyObject

person["address"] = address as AnyObject

person["total amount"] = 2000 as AnyObject

//Factorial of a number

func factorial(of number: Int) -> Int

{

if number == 1

{

return 1

}

else

{

return number \* factorial(of:number - 1)

}

}

let f = 8

let Fact\_result = factorial(of: f)

print("The factorial of \(f) is \(Fact\_result)")