#include<iostream>

#include<string>

using namespace std;

int n=44;

string s="pakistan";

int main()

{

cout<<"value of n is="<<n<<endl;

cout<<"address of n is="<<&n<<endl;

cout<<"string is="<<s<<endl;

cout<<"address of s is="<<&s<<endl<<"\n\n\n";

//int\*p=9; ///initailized p to be a danling pointer to int give a error

int\*p; //declare p to be a danling pointer to int give

int\*q=0; //initailized the pointer q to be null

int\* pn=&n; //initalied the pointer pn with the address of n

string\* ps=&s; //initalied the pointer ps with the address of s

cout<<"address of p is="<<&p<<endl;

cout<<"address of q is="<<q<<endl;

cout<<"address of pn is="<<pn<<endl;

cout<<"address of ps is="<<ps<<endl;

getchar();

getchar();

}