**Chapter12 : Pointer**

**1-Introduction to pointer**

**2-create Variable**

**3-Addressing Of Variable**

**4-Creating a pointer**

**5\_Accessing the Value Of a pointer**

**6-Changing the of pointer**

**-Ponter is a variable That Stores an address.**

**Int n = 5**

**4. Cout <<n<<endd;**

**Cout<<&n<<endd;**

**-int n=5**

**Cout <<&n<<end;**

**Int “ptr =&n,**

**Cout<<ptr<<endd;**

**5. Cout << \*ptr << endd ;**

**6. \*ptr =10;**

**Cout << \*ptr<< endl;**

**Cout << n << endl;**

**Chaper13 : parameter and Protype**

1. **ការប្រើប្រាស់parameter parameter**

**Ex: int test (int a ,int b) {**

**Return a + b**

**}**

**int main( ) { argument**

**cout <<test (10 ,20)<<endl ;**

**rrturn 0;**

**}**

**Ex :**

**#include<iostream>**

**using namespace std;**

**// fuction test();**

**int test(int a, int b)**

**{**

**return a + b;**

**}**

**// main function;**

**int main()**

**{**

**// call function;**

**cout <<test (10, 240) <<endl;**

**return 0;**

**}**

**Ex2 :**

**#include<iostream>**

**using namespace std;**

**int test(int a=0, int b=0)**

**{**

**return a +b ;**

**}**

**int main()**

**{**

**cout << test () << endl;**

**return 0;**

**}**

**EX3 :**

**#include<iostream>**

**using namespace std;**

**void test(int &a)**

**{**

**a+=10;**

**}**

**int main()**

**{**

**int x = 1;**

**test(x);**

**cout<<x;**

**return 0;**

**}**

**Chapter 14: class & object**

**Chepter 16 Abstraction**

1. **Uirtual function**
2. **Pure uirtual function**
3. **Abstract Class**
4. **Abstractio**

**Uirtual function is a Function that defined in base Class rederived class, whose Main purpose is to achieve runtime-polymophism.**

**Pure uirtual function : Virtual function That we don,t wite implement in base Class but only declare it We need to assign o in declaration .**

**EX : Uirtual Void MakeSound=0;**

**Abstract Class: is a class that has at least I Pure virtual Fuction.**

**Assignment**

1. **Assignment Operators Overloading.**
2. **Arithmetic Operator Overloading.( +, -, \*, / )**

**ចូលឲឧទាហរណ៍នីមួយៗបញ្ជាក់….?**