

# HetroQueue

## Derived Classes Definition & Virtual Functions

- Define a class Base with a virtual function to print out its class name and its value.
- Derive CHAR, INT and PhoneNumber from Base.
- Define a queue of type Hqueue to contain several objects of CHAR, INT and PhoneNumber.
- When an object is dequeued, print it in one line with format: "class name : value"

# HetroQueue

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PhoneNumber has two members:

string name;

long long number;

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# HetroQueue

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## Execution of the Program

- Develop the program.

heteroQueue.h + heteroQueue.cpp

+ **testHQ.cpp** → testHQ

- Execution:

Enter several values with different types to enqueue,  
output one line for each object on dequeuing.

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