**H.W Lecture 5 part 1**

**Q1\ Define of the following:**

1. **Inheritance**
2. **Derivation**
3. **Derived classes**

**Q2\ What is forms of inheritance?**

**Q3\ How derived class is defined?**

**Q4\ What is mode visibility benefit?**

**Q5\ Fill in the following blanks:**

1. …………. is probably the most powerful feature of object-oriented programming, after classes themselves.
2. The derived class inherits all the capabilities of the base class but can add ………. and …………. of its own.
3. The base class is …….. by the inheritance process**.**
4. Inheritance is an essential part of………...