

# Assignment 2: OpenStack

## Marking Schedule

### IN720 Virtualisation

**Submitted by**

Each item below is worth 5 marks.

## **1 Program performance**

### **1.1 Runs without errors**

### **1.2 Create function**

1. Creates network
2. Creates router
3. Creates 3 servers
4. Creates floating IP
5. Assigns floating IP

### **1.3 Run function**

### **1.4 Stop function**

### **1.5 Status function**

Shows running state of the three servers, shows IP addresses including the floating IP address

## **1.6 Destroy function**

1. Removes floating IP
2. Releases floating IP
3. Destroys servers
4. Destroys router
5. Destroys network

## **2 Code quality**

### **2.1 General structure and organisation**

### **2.2 Create function**

### **2.3 Run function**

### **2.4 Stop function**

### **2.5 Status function**

### **2.6 Destroy function**