CSE111
Programming Language - II

Marks:30 **Time:1h30mins**

Question 01: Design the class **Monster** so the code provides the following output:

Driver Code:

```
#You are not allowed to change anything below:

godzilla = Monster("Godzilla",80)
kingkong = Monster("King Kong",60)
doge = Monster("Doge",100)
print("======================")
print(godzilla.monsterDetails())
print(kingkong.monsterDetails())
print(doge.monsterDetails())
print("======================")
godzilla.monsterAttack()
godzilla.monsterAttack(kingkong)
print(kingkong.monsterDetails())
print("======================")
kingkong.monsterAttack(doge)
godzilla.monsterAttack(doge)
doge.monsterAttack(kingkong)
```

Output:

```
============================
Name: Godzilla
Hitpoint: 80
Alive: True
Name: King Kong
Hitpoint: 60
Alive: True
Name: Doge
Hitpoint: 100
Alive: True
============================
No one to attack.
Attack successful. Godzilla defeated King Kong
Name: King Kong
Hitpoint: 60
Alive: False
============================
King Kong is not alive to attack.
Attack unsuccessful. Godzilla was defeated by Doge
Can't attack. King Kong is not alive.
```

Question 2: Write a class BracBook that inherits Social and design it so it provides the following output.

```
class Social:
   activity = ['Like', 'Comment', 'Share']

   def __init__(self,name,email):
       self.name = name
       self.email = email

   def details(self):
       return "Name: "+self.name+"\nEmail: "+self.email
```

Driver Code	Output

`print('==========`
`====')`
`navid =`
`BracBook('Navid','navid@xyz`
`.com')`
`navid.doactivity('Like')`
`david =`
`BracBook('David','david@abc`
`.com','017xxxxxxxx')`
`print('==========`
`====')`
`print(navid.details())`
`print(david.details())`
`david.doactivity('Create')`
`david.doactivity('Comment')`
`navid.doactivity('Share')`
`print('==========`
`====')`
`print(navid.details())`
`print(david.details())`
	==========
	Navid has Like(d/ed) a post.
	==========
	Name: Navid
	Email: navid@xyz.com
	Phone: Not Set
	Activites: Like
	Name: David
	Email: david@abc.com
	Phone: 017xxxxxxx
	Activites: No activites found
	Create activity not found.
	David has Comment(d/ed) a post.
	Navid has Share(d/ed) a post.
	==========
	Name: Navid
	Email: navid@xyz.com
	Phone: Not Set
	Activites: Like, Share
	Name: David
	Email: david@abc.com
	Phone: 017xxxxxxx
	Activites: Comment