


Multiple Choice Questions



Northwestern
Polytechnic
University

Examination Sheet

☐ Quiz ☐ Midterm
☐ Text ☐ Final

Course Title: CS531- Python Course Number: CS531 Instructor's Name: H. Chong

Name: Patel Mittal ID Number: 19524 Date: 10/23/19

A 1 b 2 a 3 b 4 b 5 a 6 b 7 b 8 a 9 a 10 b 11 b 12 a 13 b 14 c 15 d 16 a 17 b 18 c 19 d 20 a 21 b

B 1 a 2 b 3 a 4 c 5 d 6 a 7 a 8 c 9 b 10 a 11 b 12 c 13 a 14 b 15 c

C 1 b 2 b 3 a 4 c 5 d 6 a 7 a 8 c 9 b 10 a 11 b 12 c 13 a 14 b 15 c

D 1 a 2 b 3 c 4 b 5 d 6 a 7 a 8 c 9 b 10 a 11 b 12 c 13 a 14 b 15 c

E 1 d 2 c 3 d 4 a 5 a 6 b 7 b 8 b 9 d 10 b 11 c 12 c 13 c 14 b 15 c 16 b 17 a 18 a 19 b 20 c 21 c

F 1 b 2 c 3 c 4 c 5 c 6 b 7 a 8 a 9 b 10 a 11 b 12 c 13 c 14 b 15 c 16 b 17 a 18 a 19 b 20 c 21 c

G 1 c 2 b 3 b 4 a 5 a 6 b 7 a 8 a 9 b 10 a 11 b 12 c 13 c 14 b 15 c 16 b 17 a 18 a 19 b 20 c 21 c

H 1 b 2 c 3 a 4 a 5 c 6 a 7 a 8 c 9 b 10 a 11 b 12 c 13 a 14 b 15 c 16 b 17 a 18 a 19 b 20 c 21 c

I 1 b 2 c 3 c 4 c 5 c 6 c 7 c 8 c 9 b 10 a 11 b 12 c 13 c 14 b 15 c 16 b 17 a 18 a 19 b 20 c 21 c

J 1 b 2 a 3 c 4 c 5 c 6 c 7 c 8 c 9 b 10 a 11 b 12 c 13 a 14 b 15 c 16 b 17 a 18 a 19 b 20 c 21 c

K 1 a 2 c 3 a 4 b 5 a 6 a 7 b 8 a 9 b 10 b 11 b 12 b 13 b 14 b 15 b 16 b 17 b 18 a 19 a 20 b 21 b

L 1 d 2 a 3 a 4 a 5 a 6 d 7 c 8 a 9 e 10 c 11 c 12 e 13 e 14 a 15 a 16 f 17 e 18 d 19 b 20 b

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Date: _____
Course Number: _____

Examination Sheet

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Hands On Question

Time.py

```
#!/usr/bin/python  
# Time.py
```

```
class Error(Exception):  
    """The base class of erros"""
```

```
    # __code=0
```

```
    # constructor
```

```
    def __init__(self, n):  
        self.__code = n
```

```
    def getCode(self):  
        return self.__code
```

```
class ErrorHour(Error):  
    """Raised when the input value for hour is not correct"""
```

```
    # __num=0
```

```
    # constructor
```

```
    def __init__(self, h):  
        Error.__init__(self, 1)  
        self.__hour = h
```

```
    def getHour(self):  
        return self.__hour
```

```
class ErrorMin(Error):  
    """Raised when the input value for day is not between 1 to 31"""
```

```
    # __num=0
```

```
    # constructor
```

```
    def __init__(self, m):  
        Error.__init__(self, 2)  
        self.__min = m
```

```
    def getMin(self):  
        return self.__min
```

```
class ErrorSec(Error):
```

""""Raised when the input value for month is not between 1 to 12""""

__num=0

constructor

def __init__(self, s):

 Error.__init__(self, 3)

 self.__sec = s

def getSec(self):

 return self.__sec

class Time:

def __trace(self, s):

 print(s)

def __init__(self, h, m, s):

 if h < 0 and h > 24:

 raise ErrorHour (h)

 elif m < 0 and d > 60 :

 raise ErrorMin (m)

 elif s < 0 and m > 60 :

 raise ErrorSec (s)

 self.__hour = h

 self.__min = m

 self.__sec = s

def __del__(self):

 pass

def getHour(self):

 return self.__hour

def setHour (self, h):

 self.__hour = h

def getMin(self):

 return self.__min

def setMin(self, m):

 self.__Min = m

def getsec(self):

 return self.__sec

def setMonth(self, s):

 self.__sec = s

def isNoon(self):

```
return self.__hour = 12
return self.__min = 0
return self.__sec = 0
```

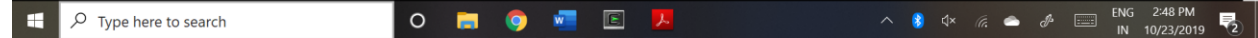
```
def reset(self):
    self.__hour = 0
    self.__min = 0
    self.__sec = 0
```

Time_test.py

```
#!/usr/bin/python
# Time_test.py
import Time

if __name__ == '__main__':
    try:
        t1 = Time(5, 2, 3)
        t1.setM(75)
        t1 = Time(16, 62, 3)
    except Time.ErrorHour as obj:
        print("Error: The Hour", obj.getNum(), "is not between 0 to 24.")
    except Time.ErrorMin as obj:
        print("Error: The Min ", obj.getNum(), "is not between 0 to 60.")
    except Time.ErrorSec as obj:
        print("Error: The Sec", obj.getNum(), "is not between 0 to 60.")
    except:
        print("Error: Unknwon exception.")
    else:
        print("No exception.")
    finally:
        print("End")
```

```
Mittal Patel@LAPTOP-NDH89GF7 ~  
$ vi Time.py  
  
Mittal Patel@LAPTOP-NDH89GF7 ~  
$ python Time_test.py  
No exception.  
End  
  
Mittal Patel@LAPTOP-NDH89GF7 ~  
$ python Time.py  
  
Mittal Patel@LAPTOP-NDH89GF7 ~  
$ python Time_test.py  
No exception.  
End  
  
Mittal Patel@LAPTOP-NDH89GF7 ~  
$ vi Time_test.py  
  
Mittal Patel@LAPTOP-NDH89GF7 ~  
$ vi Time.py  
  
Mittal Patel@LAPTOP-NDH89GF7 ~  
$ python Time_test.py  
No exception.  
End  
  
Mittal Patel@LAPTOP-NDH89GF7 ~  
$ |
```

The image shows a Windows taskbar at the bottom of the terminal window. It includes the Start button, a search bar with the text "Type here to search", and several pinned application icons: File Explorer, Google Chrome, Microsoft Word, and Adobe Reader. On the right side of the taskbar, there are system icons for network, volume, and battery, along with the language indicator "ENG IN", the time "2:48 PM", and the date "10/23/2019". A notification icon with a number "2" is also present.