

24.07.2018

From,

Ms. S. Bharathi, Ms. V. Nivedhitha, Ms. N. Padma Priya,
Assistant Professors, Department of CSE,
SSM Institute of Engineering and Technology,
Dindigul.

Through,

The Head of the Department,
Department of CSE,
SSM Institute of Engineering and Technology,
Dindigul.

To,

The Principal,
SSM Institute of Engineering and Technology,
Dindigul.

Respected Sir,

Sub: Requisition for conducting Value added course for CSE students - Reg.

This is to let you know that we have planned to conduct a Value Added Course on "Solving Problems using Python Programming" from 06.08.2018 onwards for our III and IV CSE students. In this regard, we kindly request you to provide permission for the same.

The course details are attached herewith for your reference.

Thank You.

1. *S. Bharathi* [S. BHARATHI]
2. *V. Nivedhitha* [V. NIVEDHITHA]
3. *N. Padmapriya* [N. Padmapriya]
Faculty In-charge

V. J. Murali [V. J. MURALI]
HOD/CSE
(Dr. V. SHANMUGAM)

T. S. Shanmugam [T. S. SHANMUGAM]
PRINCIPAL

Technology Training

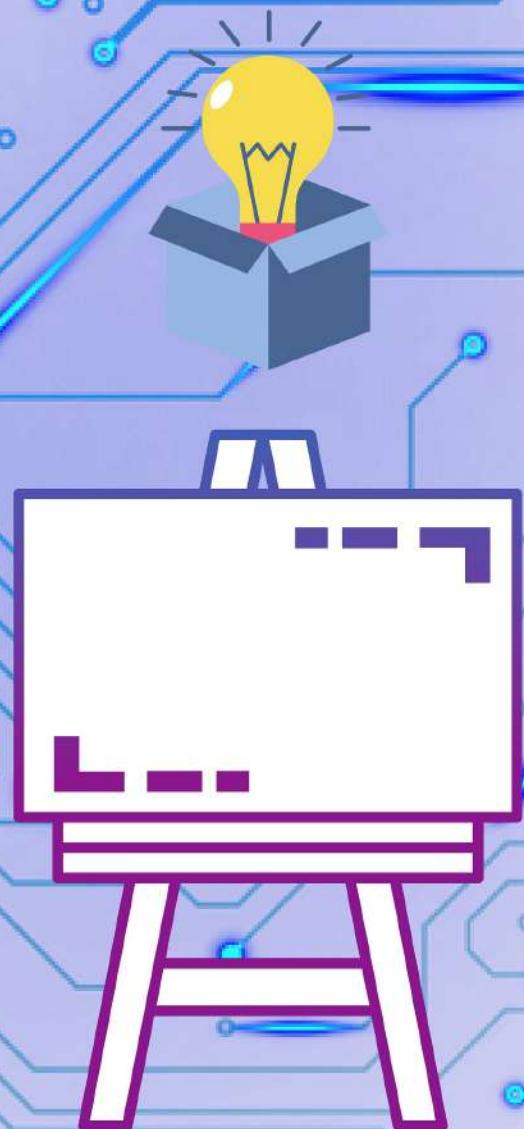


Solving Problem Using Python Programming

Instructors

- V. Nivedhitha
- S. Bharathi
- N. Padmapriya

Let's
Join
Us!



HOD/CSE

DR. V. SHANMUGAVEL

PRINCIPAL

DR. M. SARAVANAN



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul – Palani Highway, Dindigul – 624 002.

Department of Computer Science and Engineering

Value added course

on

"Solving Problems using Python programming"

Course Schedule

Course Venue: Computer lab - 2 (Hands on training)

Lecture Hall: A-202

Timing: 4.30 p.m. to 5.30 p.m.

Sl. No.	Date	Topic to be covered	Course Instructor
1.	06.08.2018	Python interpreter and interactive mode, Values and types: int, float, boolean	N. Padma Priya, V. Nivedhitha
2.	07.08.2018	Operators, Precedence of operators	
3.	08.08.2018	Conditionals: if, if-else, if-elif-else	
4.	09.08.2018	Iteration: while, for, break, continue, pass	
5.	10.08.2018	Strings, string slices, String methods	
6.	16.08.2018	Lists, list slicing, List methods, cloning and aliasing lists	
7.	17.08.2018	Tuples, Tuple assignment	
8.	18.08.2018	Dictionaries, operations and methods	
9.	20.08.2018	Modules and functions, function definition and use	
10.	21.08.2018	Parameters and arguments	V. Nivedhitha, S. Bharathi
11.	23.08.2018	Fruitful and Recursive functions	
12.	24.08.2018	Files, file operations	
13.	25.08.2018	Errors and Exceptions, Handling exceptions	
14.	27.08.2018	Command Line Arguments	
15.	28.08.2018	Modules and Packages	S. Bharathi, N. Padma Priya
16.	29.08.2018	Simple Applications	
17.	30.08.2018	Simple Applications	
18.	31.08.2018	Project Idea Presentation(Proposal Submission)	
19.	12.09.2018	Submission of Mini-Project Report	Ms. S. Bharathi, Ms. V. Nivedhitha, Ms. N. Padma Priya
20.	15.09.2018	Mini-Project Competition	

1. 8/8/18 [S. BHARATHI]
2. 24/8/18 [V. NIVEDHITHA]
3. N. Padma Priya

Faculty In-charge

V. J. M.
24/08/18
HOD/CSE
(Prv. Shwamy)

Deepti
24/08/18
PRINCIPAL



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul – Palani Highway, Dindigul – 624 002.

Department of Computer Science and Engineering

Value added course on “*Solving Problems using Python programming*”

Course Outline

The course aims to impart practical knowledge on “PYTHON PROGRAMMING” to the budding, technical workforce of SSMIET. This program also focuses on exploring and solving various numerical problems. The course helps to gain knowledge in studying various data types like tuples, lists and dictionaries. The targeted audience shall be aware of developing simple applications using modules and packages.

Why Python Programming?

- Python is one of top 5 programming languages today.
- Python is continued to be a favorite option for data scientists who use it for building and using Machine learning applications, scientific computations, and IoT applications.
- Python though is a trendy language, was not in 2013 regulation. Hence attending this course shall be an added benefit for the students of III and IV year.
- Python is considered to be a beginners language since it is concise and easy to read, and can be used for everything from web development to software development and scientific applications.
- Python is free to use, even for the commercial products, because of its OSI-approved open source license.

Application Domain for Python

- Python is widely used in scientific and numeric computing.
- It is used for developing applications related to Internet of Things.
- It is often used as a support language for software development.
- It is also used to build ERP and e-commerce systems.
- It is also used for Data science, Web visualizations & Scraping.

FDP Training Outlines

- Exposure to Python Programming Language.
- Hands-on training to develop numerical applications.
- Training on simple applications creation.
- The Certificate of Participation.
- Mini project competition will be conducted at the completion of the course and the best performer will be honored with a gift.

Participant Registration Fee: Nil

Course Registration Incharge: Ms. N. Padma Priya (Last date for registration: 27.7.2018.)

Course Coordinators: Ms. S. Bharathi, Ms. V. Nivedhitha, Ms. N. Padma Priya



SSN

Department of Economics 15

Value Added Courses Solutions | **Department of Computer Science and Engineering**

Value Added Course - Solving Problem using Python Programming

Date : 06/08/2012 ; 11:00:00 AM

Date: 08.08.2018 to 14.09.2018
Time: 04:30pm to 05:30pm

Venue: CSE I lab 2

MAY 1 1968

Month : August-2018



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002

Department of Computer Science and Engineering
Value Added Course - Solving Problem using Python Programming

Attendance Sheet

Date : 06.08.2018 to 14.09.2018 Faculty Incharge : Ms.V.Nivedhitha AP/CSE

Time: 04:30pm to 05:30pm

Venue : CSE Lab 2

S.No	Reg.no.	Student Name	Month : August-2018												Month : Sep -2018												
			6	7	8	9	10	13	14	15	16	17	20	21	22	23	24	3	4	5	6	7	10	11	12	13	14
26	922116104044	Shanmugapriya K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
27	922116104045	Shifana Sheerin A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28	922116104046	Sivastimadhumitha G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
29	922116104047	Soundharya A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
30	922116104048	Subalakshmi V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
31	922116104049	Subha S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
32	922116104050	Sugapriya R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
33	922116104051	Vijayalakshmi R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
34	922116104052	Vimala Karthika P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
35	922116104054	Vishnu Priya V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
No.Of Present			35	35	35	35	35	35	35	35	35	35	35	35	35	35	33	34	35	34	35	32	34	35	34	33	32
No.Of Absent			-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	
Faulty Sign			VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	SB	SB	SB	NP							

V.Nivedhitha
HOD/CSE

PYTHON ASSIGNMENT

Program:

$l = []$

$a = 0$

for i in range(1, 150):

 l.append(a)

 a = a + 1

$n = \text{int}(\text{input}(\text{"Enter the divisor element: "}))$

$x = 0$

for i in l:

 if (i % n == 0):

 x = x + 1

 if (i == n):

 x = x - 1

print("The total no. of elmts divisible by {} is {}".format(n, x))

Output:

Enter the divisor element: 5

The total no .of elements divisible by 5 is 9.

Submitted by,

Catherine Fransina.M

922116104014

II - CSE

PYTHON ASSIGNMENT

Program to print the value of count, for numbers being divisible from list.

L1 = [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]

```
a = int(input("Enter the no to be divided by:"))

for (i in L1):
    if (list[i] % a == 0):
        print(list[i])
        count += 1

    elif (i == a):
        count -= 1

print(count);
```

Output

Enter the no to be divided by : 10

20 4
30
40
50

submitted By,
V.Vishnu Priya
III - CSE

ASSIGNMENT ON PYTHON

$L_1 = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50]$

```
a = int(input("enter the no to be divided"))
for (i in u)
    if (list[i] % a == 0):
        print(list[i])
        count + = 1
    if (i == a)
        count - = 1
print(count)
```

Submitted by,

S.R. Aranthigai,

CSE - IInd Year

```
L1 = [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]
```

```
a = int(input("Enter the number to be divided  
by :"))
```

```
for i in L1
```

```
if (list[i] % a == 0):
```

```
    print(list[i])
```

```
    count += 1
```

```
if (i == a):
```

```
    count -= 1
```

```
print(count):
```

Assignment.

```
List = [ ]
```

```
a = 0
```

```
for i in range(1, 50):
```

```
    List.append(a)
```

```
    a = a + 1
```

```
n = int(input("Enter divisor element:"))
```

```
x = 0
```

```
for i in list:
```

```
    if (i % n == 0):
```

```
        x = x + 1
```

```
    if (i == n):
```

```
        x = x - 1
```

```
print ("The total no. of elements is: {}".format(x))
```

Output:

Enter divisor element: 5

The total no. of elements is: 9



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY,DINDIGUL-624 002

Department of Computer Science and Engineering

Value Added Course-Solving problem using Python Programming

Evaluation Sheet

S.NO	Reg No	Name	Mark(25)
1	922116104002	Abinaya.V	20
2	922116104003	Abirami.S	24
3	922116104006	Anush Rathna.B	22
4	922116104008	Ashwini.A	21
5	922116104009	Avanthiga.AK	23
6	922116104010	Asywariyaa.VP	20
7	922116104012	Bharathi.S	24
8	922116104013	Bhuvaneshwari.K	21
9	922116104014	Catherine Fransina.M	23
10	922116104015	Divya Shree.DK	24
11	922116104016	Durga.B	22
12	922116104017	Gayathri Varunya.B	25
13	922116104018	Gopi.KRD	23
14	922116104019	Gowshikka.K	24
15	922116104022	Hari Prasath.M	21
16	922116104023	Kailasam.K	20
17	922116104025	Kovarthini.R	24
18	922116104026	Kulandai Vel.K	23
19	922116104027	Mahalakshmi.P	21
20	922116104036	Prarthana.S	21
21	922116104038	Roseline Jayashree.J	20
22	922116104040	Samreen Fathima.S	22
23	922116104041	Shalini.R	24
24	922116104042	Shangavi.R	23
25	922116104043	Shanmugapriya.B	22
26	922116104044	Shanmugapriya.K	23
27	922116104045	Shifana Sheerin.A	22
28	922116104046	Sivasrimadhuumitha.G	24
29	922116104047	Soundharya.A	21
30	922116104048	Subalakshmi.V	22
31	922116104049	Suba.S	24
32	922116104050	Sugapriya.R	20
33	922116104051	Vijayalakshmi.R	22
34	922116104052	Vimala Karthika.P	20
35	922116104054	Vishnu priya.V	21

HOD/CSE

(Dr. V. SHANMUGAM)



Department of Computer Science and Engineering

Feedback Form

Topic	Value Added Course on "Solving Problems using Python Programming"
Conducted by	Ms.S.Bharathi, AP/CSE Ms.V.Nivedhitha, AP/CSE Ms.N.Padmapriya,AP/CSE
Target Group	III & IV CSE Students
Date / Venue/Timing	06-08-2018 to 24-08-2018 & 03-09-2018 to 14-09-2018 / CSE Lab – 2 / 04.30 p.m. to 05.30 p.m.

- 1. Content delivery by Resource person**
 Excellent
 Good
 Fair
- 2. Resource person's knowledge on content delivered**
 Excellent
 Good
 Fair
- 3. Response of the resource person to students' queries.**
 Excellent
 Good
 Fair
- 4. Whether the session was useful?**
 Excellent
 Good
 Fair
- 5. Overall experience**
 Excellent
 Good
 Fair
- 6. Suggestions/ Comments to improve, if any:**


Signature of the Participant



Department of Computer Science and Engineering

Feedback Form

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4. Whether the session was useful?

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5. Overall experience

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 Good
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6. Suggestions/ Comments to improve, if any:

Need more hours

Signature of the Participant



Department of Computer Science and Engineering

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- Good
- Fair

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- Good
- Fair

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Signature of the Participant



Department of Computer Science and Engineering

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6. Suggestions/ Comments to improve, if any:

G-k. Ananthiga
Signature of the Participant



Department of Computer Science and Engineering

Feedback Form

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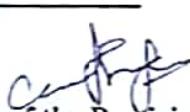
4. Whether the session was useful?

- Excellent
- Good
- Fair

5. Overall experience

- Excellent
- Good
- Fair

6. Suggestions/ Comments to improve, if any:


Signature of the Participant



SSM
Institute of Engineering and Technology

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PRESENTED TO

Ashwini.A

Has successfully completed a course on "Solving Problem Using Python Programming"
organised by Department of Computer Science and Engineering


DR.M.Saravanan
PRINCIPAL


Dr.V.Shanmugavel
HOD/CSE


V.Nivedhitha
PROGRAM COORDINATOR



SSM
Institute of Engineering and Technology

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PRESENTED TO

Shalini.R

Has successfully completed a course on "Solving Problem Using Python Programming"
organised by Department of Computer Science and Engineering


DR.M.Saravanan
PRINCIPAL


Dr.V.Shanmugavel
HOD/CSE


V.Nivedhitha
PROGRAM COORDINATOR



SSM
Institute of Engineering and Technology

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PRESENTED TO

Hari Prasath.M

Has successfully completed a course on "Solving Problem Using Python Programming"
organised by Department of Computer Science and Engineering


V.Nivedhitha
PROGRAM COORDINATOR


Dr.V.Shanmugavel
HOD/CSE


DR.M.Saravanan
PRINCIPAL



SSM
Institute of Engineering and Technology

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PRESENTED TO

Durga.B

Has successfully completed a course on "Solving Problem Using Python Programming"
organised by Department of Computer Science and Engineering


DR.M.Saravanan
PRINCIPAL


Dr.V.Shanmugavel
HOD/CSE


V.Nivedhitha
PROGRAM COORDINATOR



SSM
Institute of Engineering and Technology

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PRESENTED TO

Abirami.S

Has successfully completed a course on "Solving Problem Using Python Programming"
organised by Department of Computer Science and Engineering


DR.M.Saravanan
PRINCIPAL


Dr.V.Shanmugavel
HOD/CSE


V.Nivedhitha
PROGRAM COORDINATOR