Webpage Python Project

By: Shravan

- View Code on GitHub

1. URL: **https://sitare.org/**

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Sitare Foundation | Education NGO by Shilpa and Amit Singhal


Our humble mission

Transform fifty thousand lives through education by 2050.

Sitare University — FREE Computer Science B.Tech. degrees to talented students. 

Education is empowerment. Education gives us hope. Education has the power to uplift not only individuals, but the entire world. In today world, good educat
ion is not always accessible to the underprivileged in our society. There is tremendous potential and talent in these children, all they need is access to g
ood education. At the Sitare Foundation, we believe in providing access to high quality education to the most talented underprivileged children in our socie
ty. We have embarked upon a humble mission. Our mission is to "Transform fifty thousand lives through education by 2050."

Get in touch

Barack Obama
44th President of the United States

"The best anti-poverty program is a world-class education."

Transforming Lives

Mahendra was born and raised in a small town, Chohtan in Barmer District, Western Rajasthan. His father works in a sheet metal factory rolling stainless ste
el sheets. His elder brother also works in the same factory. They have a very large family to support, and if Mahendra didn't get an opportunity to study in
 Sitare Foundation, he would probably be working in the same factory today to support his family. "I got an opportunity to be a part of the organization whe
re I met some of the most motivated young people, who were nurtured by the Sitare Foundation to dream higher."

Kusum is a poor farmer's daughter. Her family does not own the land they farm, they just work there, while the landowner keeps the lion share of the earning
s. They only get 30 cents on a dollar of crops sold.
"In my community, women are seldom sent to school, but my parents believe in education. They knew that education, especially women's education, is the only
way out of generational poverty. For me, the path to education was never easy. From a young age, I have contributed to the farm work, from milking cows, to
cooking, tilling the fields, I did whatever was needed to help my family."

Milan comes from a life of adversity. His father is an auto-rickshaw driver who works day and night to make ends meet. In his auto-rickshaw, Milan's father
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Anaconda Powershell Prompt                                                                              —  □  ×

used to take several affluent kids to school everyday, and outside that private school, he used to shake his head thinking his children will never be able t
o go to such a good school. All that changed when Milan was selected into the Sitare Foundation. Today his father proudly brings his son to the same school
sometime in his auto-rickshaw.

Nisha was born and brought up in a small village, Chawandiya (population 2,140) in Nagaur District, Rajasthan. Nisha's father is a farmer and her mother is
a housewife who also helps at the farm. Her entire family works on the farm. Nisha had never seen life outside her village until she entered the Sitare prog
ram in Jodhpur. And now, she is going places.
"Joining the Sitare Foundation was a turning point in my life. Having lived my entire life in a small village, in a family of poor farmers, I moved to the c
ity and started going to an international school."

Urmila was born and raised in a small town in Jodhpur District, Western Rajasthan. Urmila's father is a security guard and her mother is a housewife.  She w
ill be the first in her family to attend college, breaking new ground and setting a path for future generations.
"Growing up, I witnessed a society where girls were burdened with household chores and forced into early marriages. However, everything changed when I had t
he opportunity to join the Sitare Foundation."

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We Partner With Some Of The Best Private Schools In A City And Provide Our Children With The Education Otherwise Available To Only The Elite Few.

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The Millenium School
Indore, Madhya Pradesh
Visit

We are learning a lot. The challenge of educating underprivileged children is daunting, but that does not and will never deter us. We are taking a scientifi
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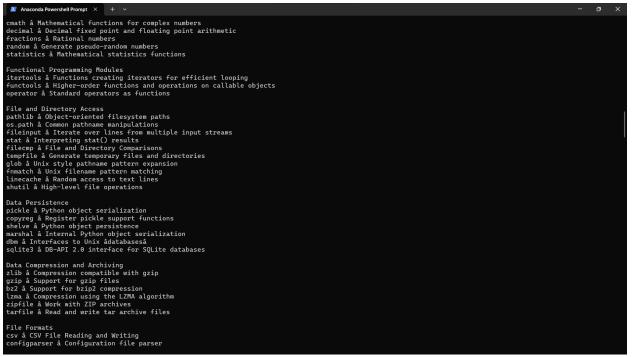
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adeshAssamChhattisgarhGoaHaryanaHimachal PradeshJammu KashmirJharkhandKeralaManipurMeghalayaMizoramNagalandOdishaPunjabSikkimTripuraUttarakhandAndaman Nicob
ar IslandsDadra Nagar HaveliDaman DiuLakshadweepPondicherryWeb StoriesNewsINDIA NEWSIndia NewsIndia / Jan 17, 2024Ministry of home affairs revokes FCRA lice
nse of Centre for Policy ResearchThe Ministry of home affairs has revoked the FCRA license of the Centre for Policy Research (CPR), a well-known non-governm
ental organization, due to alleged violations of regulations. CPR&#x27;s license had been suspended eleven months ago and the cancellation order was issued
last Wednesday. CPR maintains that it operated in accordance with the law and will assess its options to seek justice. Several other NGOs have faced cancell
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luru, KolkataIndia / Jan 17, 2024After Sharad Pawar, Lalu Yadav also turn down Ram Temple inviteIndia / Jan 17, 2024Canada sees drastic fall in Indian stude
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3. URL: **https://docs.python.org/3.9/library/**

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The Python Standard Library &#8212; Python 3.9.17 documentation


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3.9.17 Documentation &#187;

|

The Python Standard LibraryÂ¶
While The Python Language Reference describes the exact syntax and
semantics of the Python language, this library reference manual
describes the standard library that is distributed with Python. It also
describes some of the optional components that are commonly included
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in Python distributions.
Pythonâs standard library is very extensive, offering a wide range of
facilities as indicated by the long table of contents listed below. The
library contains built-in modules (written in C) that provide access to
system functionality such as file I/O that would otherwise be
inaccessible to Python programmers, as well as modules written in Python
that provide standardized solutions for many problems that occur in
everyday programming. Some of these modules are explicitly designed to
encourage and enhance the portability of Python programs by abstracting
away platform-specifics into platform-neutral APIs.
The Python installers for the Windows platform usually include
the entire standard library and often also include many additional
components. For Unix-like operating systems Python is normally provided
as a collection of packages, so it may be necessary to use the packaging
tools provided with the operating system to obtain some or all of the
optional components.
In addition to the standard library, there is a growing collection of
several thousand components (from individual programs and modules to
packages and entire application development frameworks), available from
the Python Package Index.

Introduction
Notes on availability

Built-in Functions
Built-in Constants
Constants added by the site module

Built-in Types
Truth Value Testing
Boolean Operations â and, or, not
Comparisons
Numeric Types â int, float, complex
Iterator Types
Sequence Types â list, tuple, range
Text Sequence Type â str
Binary Sequence Types â bytes, bytearray, memoryview
Set Types â set, frozenset
Mapping Types â dict
Context Manager Types
Generic Alias Type
Other Built-in Types
```

```
Built-in Exceptions
Exception context
Inheriting from built-in exceptions
Base classes
Concrete exceptions
Warnings
Exception hierarchy


Text Processing Services
string â Common string operations
re â Regular expression operations
difflib â Helpers for computing deltas
textwrap â Text wrapping and filling
unicodedata â Unicode Database
stringprep â Internet String Preparation
readline â GNU readline interface
rlcompleter â Completion function for GNU readline

Binary Data Services
struct â Interpret bytes as packed binary data
codecs â Codec registry and base classes

Data Types
datetime â Basic date and time types
zoneinfo â IANA time zone support
calendar â General calendar-related functions
collections â Container datatypes
collections.abc â Abstract Base Classes for Containers
heapq â Heap queue algorithm
bisect â Array bisection algorithm
array â Efficient arrays of numeric values
weakref â Weak references
types â Dynamic type creation and names for built-in types
copy â Shallow and deep copy operations
pprint â Data pretty printer
reprlib â Alternate repr() implementation
enum â Support for enumerations
graphlib â Functionality to operate with graph-like structures


Numeric and Mathematical Modules
numbers â Numeric abstract base classes
math â Mathematical functions
```

```
cmath â Mathematical functions for complex numbers
decimal â Decimal fixed point and floating point arithmetic
fractions â Rational numbers
random â Generate pseudo-random numbers
statistics â Mathematical statistics functions

Functional Programming Modules
itertools â Functions creating iterators for efficient looping
functools â Higher-order functions and operations on callable objects
operator â Standard operators as functions


File and Directory Access
pathlib â Object-oriented filesystem paths
os.path â Common pathname manipulations
fileinput â Iterate over lines from multiple input streams
stat â Interpreting stat() results
filecmp â File and Directory Comparisons
tempfile â Generate temporary files and directories
glob â Unix style pathname pattern expansion
fnmatch â Unix filename pattern matching
linecache â Random access to text lines
shutil â High-level file operations

Data Persistence
pickle â Python object serialization
copyreg â Register pickle support functions
shelve â Python object persistence
marshal â Internal Python object serialization
dbm â Interfaces to Unix âdatabasesâ
sqlite3 â DB-API 2.0 interface for SQLite databases

Data Compression and Archiving
zlib â Compression compatible with gzip
gzip â Support for gzip files
bz2 â Support for bzip2 compression
lzma â Compression using the LZMA algorithm
zipfile â Work with ZIP archives
tarfile â Read and write tar archive files

File Formats
csv â CSV File Reading and Writing
configparser â Configuration file parser
```

```
hashlib â Secure hashes and message digests
hmac â Keyed-Hashing for Message Authentication
secrets â Generate secure random numbers for managing secrets

Generic Operating System Services
os â Miscellaneous operating system interfaces
io â Core tools for working with streams
time â Time access and conversions
argparse â Parser for command-line options, arguments and sub-commands
getopt â C-style parser for command line options
logging â Logging facility for Python
logging.config â Logging configuration
logging.handlers â Logging handlers
getpass â Portable password input
curses â Terminal handling for character-cell displays
curses.textpad â Text input widget for curses programs
curses.ascii â Utilities for ASCII characters
curses.panel â A panel stack extension for curses
platform â  Access to underlying platformâs identifying data
errno â Standard errno system symbols
ctypes â A foreign function library for Python

Concurrent Execution
threading â Thread-based parallelism
multiprocessing â Process-based parallelism
multiprocessing.shared_memory â  Provides shared memory for direct access across processes
The concurrent package
concurrent.futures â Launching parallel tasks
subprocess â Subprocess management
sched â Event scheduler
queue â A synchronized queue class
contextvars â Context Variables
_thread â Low-level threading API

Networking and Interprocess Communication
asyncio â Asynchronous I/O
socket â Low-level networking interface
ssl â TLS/SSL wrapper for socket objects
select â Waiting for I/O completion
selectors â High-level I/O multiplexing
signal â Set handlers for asynchronous events
mmap â Memory-mapped file support
```

cgitb â Traceback manager for CGI scripts
chunk â Read IFF chunked data
crypt â Function to check Unix passwords
imghdr â Determine the type of an image
imp â Access the import internals
mailcap â Mailcap file handling
msilib â Read and write Microsoft Installer files
nis â Interface to Sunâs NIS (Yellow Pages)
nntplib â NNTP protocol client
optparse â Parser for command line options
ossaudiodev â Access to OSS-compatible audio devices
pipes â Interface to shell pipelines
smtpd â SMTP Server
sndhdr â Determine type of sound file
spwd â The shadow password database
sunau â Read and write Sun AU files
telnetlib â Telnet client
uu â Encode and decode uuencode files
xdrlib â Encode and decode XDR data

Security Considerations

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