

## PCAP: Programming Essentials in Python

## Statement of Achievement

Niraj Tiwari	
Name	
During the Cisco Networking Academy® self-paced course,	the student has studied the following Skills:
• the universal concepts of computer programing (i.e. variables, flow co	ntrol, data structures, algorithms, conditional execution, loops, functions, etc.)
<ul> <li>developer tools and the runtime environment;</li> </ul>	
<ul> <li>the syntax and semantics of the Python language;</li> </ul>	
<ul> <li>the fundamentals of object-oriented programing and the way they are</li> </ul>	adopted in Python;
<ul> <li>the means by which to resolve typical implementation problems;</li> </ul>	
<ul> <li>the writing of Python programs using standard language infrastructure</li> </ul>	;
<ul> <li>fundamental programing techniques, best practices, customs and voc</li> </ul>	abulary, including the most common library function in Python 3;
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penEDG Python Institute	