Problem Solving with Python Coding

Course Code:
ASKCTC

Course Duration:
2 days (16 hours), 9.00am - 5.00pm

Course Fee:
$1000 ($1090 Inc. 9% GST) per participant

Course Venue:
Hotel

Course Dates:
https://asktraining.com.sg/course-schedule/

Course Synopsis

In this fast pace society, many of us would like to solve problems with the quickest solutions. However, the quality of solutions is crucial so that the same problems do not occurred again.

With the overloaded of information, how can we analyse them and provide a rational solution?

This course is catered for those who want to understand how to perform problem solving skills using computational thinking. It is a beginner course.

By using computer coding in problem solving techniques, it provides a clear and simple steps to resolved problems. The process of computational thinking also involves logical thinking and critical thinking.

Course Objectives _____

By the end of the course, you would be able to:

- Solve Problems using Computational Techniques
- Apply logical and Critical Thinking to compliment the Problem Solving Process

Course Outline _____

- Introduction to Computational Thinking

- Understand the 4 Key steps into computational thinking

- What is Decomposition?

- What is Pattern recognition?

- What is Abstraction?

- What is Algorithm thinking?

- Problem Solving Skills with Python

- What is Python?

- Installation of Python

- Coding in Python

- Conditioning in Python

- Looping in Python

- Final Coding Development

West Branch – HQ at JTC Summit
8 Jurong Town Hall Road
#27-01 The JTC Summit
Singapore 609434

East Branch – Mountbatten Square
229 Mountbatten Road
#03-43 Mountbatten Square
Singapore 398007

📞 6484 6723
✉ information@asktraining.com.sg
🖉 www.asktraining.com.sg