



**NATIONAL INSTITUTE FOR TECHNICAL  
TRAINING & SKILL DEVELOPMENT**  
राष्ट्रीय तांत्रिक प्रशिक्षण आणि कौशल्य विकास संस्थान



**Learn & Design Your Own App  
with  
IIT Bombay Alumni Foundation**





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B R A N D

PROMISE

We Guarantee You that, You Can Develop Your Projects by  
Your Own After This Training Program



## Module 1 - Introduction to App Programming

- Industrial Importance of App Programming
- Features of App Programming Languages

## Module 2-Environment Setup Getting Started with

- Installing App Programming
- App Programming Identifiers
- App Programming Keywords



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- App Programming Lines and Indentation
- App Programming Multi-Line Statements
- Quotation in App Programming
- Comments in App Programming
- Variables and Data Types
- Standard Data Types
- App Programming Input and Output

## **Module 3 - App Programming Operators**

- Types of Different Operators
- Changing the Order of Evaluation

## **Module 4 - Conditional Statements in App Programming**

- Conditional statements and its types
  - if-else
  - if-elif-else ladder

## **Module 5 - Functions in App Programming**

- Calling a Function
- Function Arguments



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- The return Statement
- Scope of Variables
- Global vs. Local variables
- The global statement

## Module 6 - **Modules in App Programming**

- How to import modules
- How to create own modules
- Built in modules

## Module 7 – **App Development**

- Introduction To App Development
- Introduction to App GUI Development Method
- Different widgets in App GUI Development Method
  - Button
  - Label
  - Entry
  - Scale
  - Top Level
  - Spin Box



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- Frame
- Menu Button
- Option Menu
- Progress Menu Bar
- File Menu
- Message Box
- Scroll bar
- Text
- Panned Window
- Notebook
- Tree view
- Combo box
- Check button
- Radio Button
- List Box
- Message box



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	<b><u>Live Projects :</u></b> <b>School App Developer</b>
<b>1</b>	To create a calculator App
<b>2</b>	To create email login system App
<b>3</b>	To create online job application form App
<b>4</b>	To create own IDLE lookalike editor App
<b>5</b>	To Simple Interest Calculator App
<b>6</b>	To Body mass index (BMI) Calculator APP