Weekly Assignment: Ninja Notes

Contents

Please watch this Video Explanation

Why?

Note taking is an excellent way to push what you are learning into long term memory. You will have a journal of what you have learned by the end of the course.

Take notes on anything that interests you and you want to remember.

Attendance: In addition to the WNCC Attendance policy (in the WNCC Master Syllabus Contents linked from the course syllabus) you are required to turn in your weekly notes to be considered attending this course.

Do your notes have to look like this document? No. You can take notes however you wish. You can write them down and take a picture to submit. Whatever works for you. I want to see that you are taking notes and working on comprehension.

NOTE: During class and in videos I will emphasize certain key concepts that are important to understand. I will be looking for these types of notes.

Instructions

Take notes on what you want to remember. Notes do not have to be complete sentences, notes are there to remind you of what you want to remember,

1. **Weekly Topics**: Each week, focus on the key topics covered in your IT or CS course. These might include programming languages, algorithms, network security, databases, etc.

2. **Note-Taking Techniques**: Use a variety of note-taking techniques such as bullet points, mind maps, diagrams, and summaries to capture the essential information.
3. **Interactive Elements**: Incorporate interactive elements like questions, reflections, and real-world applications to deepen your understanding.
4. **Review and Reflect**: At the end of each week, review your notes and reflect on what you've learned. Identify any areas that need further clarification.

Example Topics and Notes

Week 1: Introduction to Programming

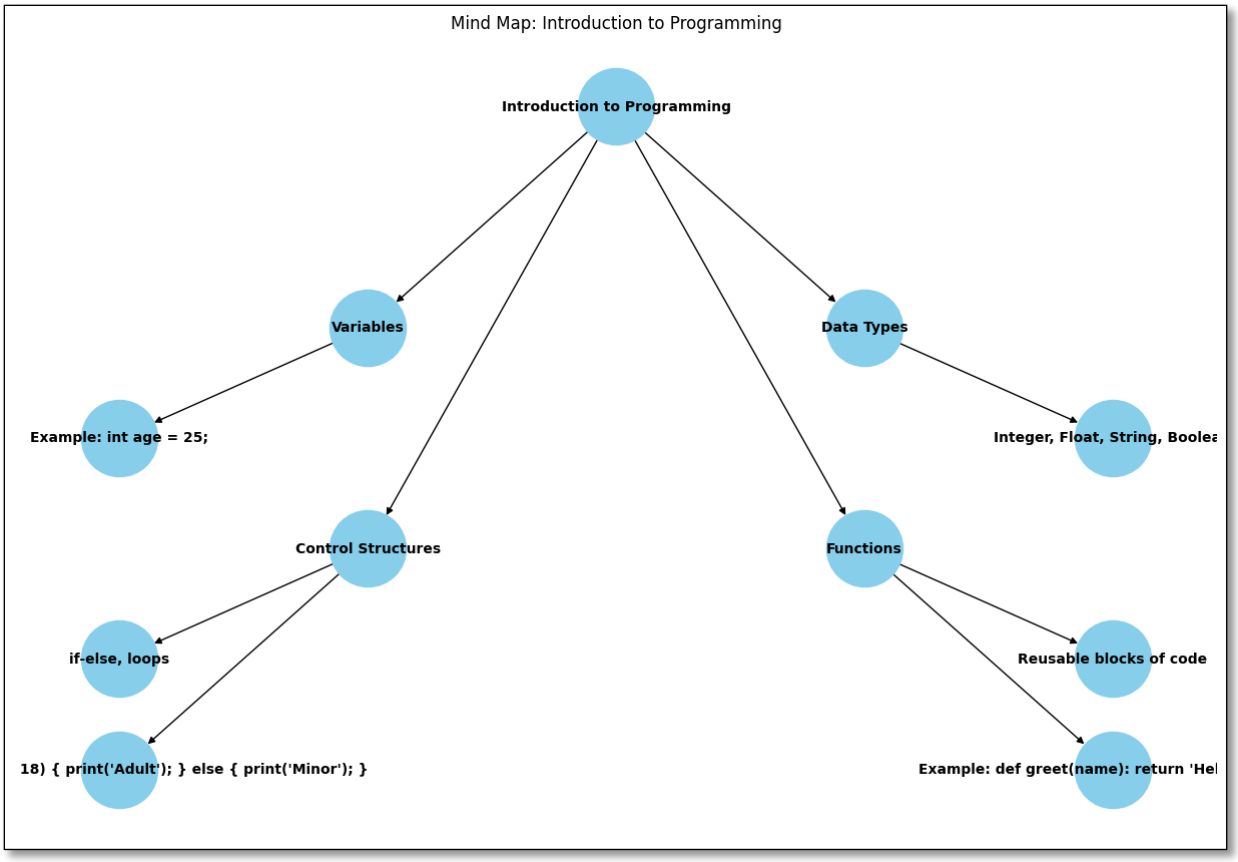
Key Concepts: Variables, data types, control structures (if-else, loops), functions.

Example Notes:

- **Variables**: Containers for storing data values. E.g., int age = 25;
- **Data Types**: Integer, float, string, boolean.
- **Control Structures**:

```
if (age > 18) {
print("Adult");
} else {
print("Minor");
}
```

- **Functions**: Reusable blocks of code. E.g., def greet(name): return "Hello " + name



Interactive Elements

1. **Questions**: Include questions at the end of your notes to test your understanding. E.g., "What is the difference between a firewall and a VPN?"
2. **Reflections**: Write a brief reflection on what you found most interesting or challenging about the week's topic.
3. **Real-World Applications**: Note down any real-world applications or examples of the concepts you learned. E.g., "Encryption is used in online banking to secure transactions."

Happy note-taking, Ninjas! 🥷📚

Assignment Submission

1. Attach your completed document to the assignment in BlackBoard.