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COMPSCI 101

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Assignment 7

In the art of code, we find our way

To solve problems and light our day

With Python, we have a powerful tool

To help us accomplish and stay cool

First, we learn to create a variable

A storage space, reliable and stable

Giving it a name, type, and value

Our first step on the journey to pursue

Next, we embrace the logic of conditions

Making precise decisions, our ambitions

If statements, loops, and functions so fine

Unlocking the power of code, a divine

Data structures come next into our view

Lists, tuples, and dictionaries to pursue

To organize and process data with ease

And make our programs flow with breeze

Finally, we import to augment our might

Modules that give us the needed insight

From math to time to randomization

Python's got us covered, no hesitation

With these principles, we build and create

Programs that help us communicate

From the simple to the complex feat

Python empowers us to be elite

So let us code with passion and pride

With Python, we can conquer and stride

To innovate, inspire, and elevate

The possibilities are endless, so great.