

## POVZETEK

V diplomski nalogi sem predstavila osnovna razvojna orodja za pisanje programov. Delovanje vsakega razvojnega orodja sem slikovno podprla. Poleg razvojnih orodij sem tri razvojna okolja za pisanje programov v programskem jeziku Python tudi podrobno predstavila. Ta tri razvojna okolja so IDLE, Eclipse in PyCharm. Za vsako razvojno okolje sem opisala, kaj vse je potrebno storiti, preden lahko napišemo prvi program in kako ga zaženemo. Najbolj pa sem v diplomski nalogi poudarila, kakšna orodja ima posamezno razvojno okolje.

Del diplomske naloge so še opisi nekaterih drugih razvojnih okolij, ki podpirajo programiranje v jeziku Python. Za ta razvojna okolja sem navedla uradno spletno stran za prenos, podala informacijo, za kateri operacijski sistem so namenjena, navedla, katera osnovna orodja imajo in orodja, ki se razlikujejo od že opisanih, tudi predstavila.

Ključne besede: Python, razvojno okolje, razvojno orodje, IDLE, Eclipse, PyCharm, programiranje, programski jezik.

## ABSTRACT

In my thesis I introduced basic development tools for writing programs. Working of each development tool is presented with a picture. I wrote also a detailed presentation of three development environments for writing programs in program language Python. Presented development environments are IDLE, Eclipse and PyCharm. For each of them I described what must be done before we can write the first program and how to start that program. The main focus of the thesis is on the development tools types for each of the presented development environment.

In my thesis you will also find some other development environments, which support programing in Python. For these development environments I added official web page for download, operating systems, basic tools and I also presented some particularities of these basic tools.

Keywords: Python, development evironment, devolopment tool, IDLE, Eclipse, PyCharm, programmig, programming language.

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