تمرین سری 11

سوال 1 :

<https://stackoverflow.com/q/68112404/16304992>

سوال 2 :

\documentclass{article}

% Language setting

% Replace `english' with e.g. `spanish' to change the document language

\usepackage[english]{babel}

% Set page size and margins

% Replace `letterpaper' with`a4paper' for UK/EU standard size

\usepackage[letterpaper,top=2cm,bottom=2cm,left=3cm,right=3cm,marginparwidth=1.75cm]{geometry}

% Useful packages

\usepackage{amsmath}

\usepackage{graphicx}

\usepackage{listings}

\usepackage[utf8]{inputenc}

\usepackage[colorlinks=true, allcolors=blue]{hyperref}

\title{oslab11}

\author{Kosar Ghaffarian}

\begin{document}

\maketitle

\section{My biography and Resume}

I'm Kosar Ghaffarian.I'm a student in Sadjad University of Mashhad.I'm studying computer engineering. I started working for an company about 5 month ago. I learning to produce a website by coding in different languages like html,css,js,jquery,php and others.And I like to learn to design a website in a better way.

\section{my profile}

\begin{center}

\includegraphics[width=0.3\textwidth]{download.jpg}

\end{center}

\section{code}

\begin{lstlisting}[language=C++]

#include <iostream>

using namespace std;

int pairnumbers(int arr[]);

int main(int){

int n,num;

cout<< "tedad adad ra vared konid";

cin>>num;

for (int i=0;i<=n;i++){

cout<<"adad ra vared konid"<<endl

cin>>num;

}

cout<<pairnumbers(arr[])<<endl;

getch();

}

int pairnumbers(int arr[num]){

if(arr[num] % 2 != 0)

return 0;

else if(arr[num] % 2 == 0)

cout << "resault=" << arr[num];

return pairnumbers;

}

\end{lstlisting}

\section{my table}

\begin{table} [h]

\begin{center}

\begin{tabular}{l|r}

Item & Quantity \\\hline

shoe & 42 \\

shoe & 37 \\

shoe & 38

\end{tabular}

\end{center}

\end{table}

\section{How to write Mathematics}

\LaTeX{} is great at typesetting mathematics. Let $X\_1, X\_2, \ldots, X\_n$ be a sequence of independent and identically distributed random variables with $\text{E}[X\_i] = \mu$ and $\text{Var}[X\_i] = \sigma^2 < \infty$, and let

\[S\_n = \frac{X\_1 + X\_2 + \cdots + X\_n}{n}

= \frac{1}{n}\sum\_{i}^{n} X\_i\]

denote their mean. Then as $n$ approaches infinity, the random variables $\sqrt{n}(S\_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$.

\section{Formula :}

\begin{center}

{\large

$x^2 - x + 6 = 0 $

$$\sin (a + b) = \sin a \cos b + \cos a \sin b$$

}

\end{center}

\end{document}