LaTeX
The Benefits of Virtual Reality and Augmented Reality in Education

Rashed Qazizada*

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*ra222ah@student.lnu.se

Sammanfattning

Here you can write you abstract.

Contents

1 Assignment

1.1 Assignment 1

This text is in bold.
This text is in Italics.
This is a simple example, this will show different font sizes and also DIFFERENT FONT STYLES.

1.2 Assignment 2

$$\frac{\sin mx}{\sin x} = (-4)^{(m-1)/2} \prod_{j=1}^{(m-1)/2} \left(\sin^2 x - sin^2 \frac{2\pi j}{m} \right)$$

Equation can be also written as follow $f_n = f_{n-1} + f_{n-2}$

1.3 Assignment 3 & 4

		World Record	
Name	**Country**	**Event**	**Result**
Anna-Karin Kammerling	Sweden	50 m butterfly	25.57
Wilson Kipketer	Denmark	800 m	2:11.96
Jan Železný	Czech Republic	javelin throw	98.5
Sergei Bubka	Ukraine	pole vault	6.14

Table 1: World Record and Results

The table shows the world record and results (1) [1]
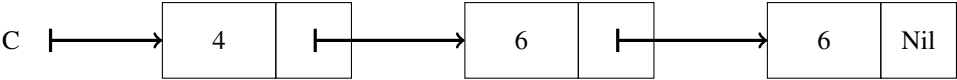
Assignment 5

Figure 1: Shows TikZ Typeset

Here figure 1 shows the Assignment 5.

1.4 Assignment 6 & 7
A brilliant way to get children running for fun!

Figure 2: Greek Orthodox Church

The figure 2 shows a perfectly competitive children.

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[1] Here where you can write your footnote

1.5 Assignment 8

$x^{n^2} + y^{n+1} = z^n$ Right brace and a dollar character were missing. *The Johansson Brothers & Son.* (b)emph was misspelled with an extra h and backslash was missing before the et-character. LaTeX is case sensitive.
(c) .. end of a paragraph.
A new paragraph ...
Additional line-breaking commands(two backslashes and an asterisk)
lines breaks (two backslashes without asterisk)

1.6 Assignment 9

```
Scanner scan = new Scanner(System.in);
        System.out.print("Enter a postive integers: ");
        int userInput = scan.nextInt();
        int zero = 0, odd =0, even =0; // Initialising zero,odd,and Even.

        while (userInput > 0) {              // step1 10023>0 step3 1002%10=2 step5 100%10=0
            int digit = userInput % 10;
            if (digit == 0) {
                zero++;
            } else if (digit % 2 == 0) {     // step4 2%2=0
                even++;
            } else {
                odd++;
            }
            userInput = userInput / 10;      // step2 10023=1002 step6 10/10=1
        }
        System.out.println("Zeros: " + zero);
        System.out.println("Odds: " + odd);
        System.out.println("Evens: " + even);
        scan.close();
    }

}
```

Assignment 10

$$\sum_{i=0}^{n} \alpha_i \qquad \sum_{i=0}^{10} \gamma_i \qquad \sum_{i=0}^{50} \beta_i \tag{1}$$

1.7 Assignment 11

A comment can be written here[1] , or another text can be written here as well[2].

References

[1] P.J.Cameron, *Permutations Groups*. Cambridge : Cambridge University Press, 1999.

[2] P. Morton, "Periods of Maps or Irreducible Polynomials over Finite Field", *Finite Fields and their Applications (Finite Fields Appl.)*, vol. 3, pp. 11-24, 1997.

2 Template for my final report

2.1 Discussion

2.2 Conclusion