

VG500

Technical Communication

Assignment 6

Manuel — UM-JI (Spring 2019)

- A \LaTeX file compiling with errors will not be graded
- Submit the pdf and \LaTeX versions inside an archive of type tar, zip, or rar
- Add any referenced article to the archive
- Follow the group submission guidelines
- Any work that fails to comply with the previous requirements will be ignored

Ex. 1 — *Slides in \LaTeX*

In a separate file reproduce slides 10, 17, and 20 from chapter 2 and 15 and 21 from chapter 10.

Hint 1: the font used on slide 20 from chapter 2 can be loaded using the package `chancery`

Hint 2: the frame numbers should be the same as the ones the slides

Ex. 2 — *Writing*

Rewrite your abstract using everything learnt in this course. Do not forget to include the two previous versions in your \LaTeX file.

Ex. 3 — *Group exercise*

The following text was extracted from an anonymous draft. It contains many issues of any kind (grammar, conjugation, long and unclear sentences, transitions...). Rewrite it.

Take the analysis of cloud service dependability in cloud environment as basis. The dependability guarantees that the mechanism is divided into four aspects which are: correctness, reliability, security and performance. First, combining the decentralized label technology and the formal method, allows us to define a decentralized label model based on formal semantics, and to build a platform for constraint and monitoring the processing of the information using some advanced programming language.

Ex. 4 — *Leonardo da Vinci*

In the year 1482 Leonardo da Vinci “applied” for job at the court of Ludovico Sforza. In about 100 words discuss the structure, the content (with respect to his future employer), and the style used when writing his “cover letter”. In light of everything you have learnt in this course, express your personal feeling on this letter.

My Most Illustrious Lord,

Having now sufficiently seen and considered the achievements of all those who count themselves masters and artificers of instruments of war, and having noted that the invention and performance of the said instruments is in no way different from that in common usage, I shall endeavour, while intending no discredit to anyone else, to make myself understood to Your Excellency for the purpose of unfolding to you my secrets, and thereafter offering them at your complete disposal, and when the time is right bringing into effective operation all those things which are in part briefly listed below:

1. I have plans for very light, strong and easily portable bridges with which to pursue and, on some occasions, flee the enemy, and others, sturdy and indestructible either by fire or in battle, easy and convenient to lift and place in position. Also means of burning and destroying those of the enemy.

2. I know how, in the course of the siege of a terrain, to remove water from the moats and how to make an infinite number of bridges, mantlets and scaling ladders and other instruments necessary to such an enterprise.

3. Also, if one cannot, when besieging a terrain, proceed by bombardment either because of the height of the glacis or the strength of its situation and location, I have methods for destroying every fortress or other stranglehold unless it has been founded upon a rock or so forth.

4. I have also types of cannon, most convenient and easily portable, with which to hurl small stones almost like a hail-storm; and the smoke from the cannon will instil a great fear in the enemy on account of the grave damage and confusion.

5. Also, I have means of arriving at a designated spot through mines and secret winding passages constructed completely without noise, even if it should be necessary to pass underneath moats or any river.

6. Also, I will make covered vehicles, safe and unassailable, which will penetrate the enemy and their artillery, and there is no host of armed men so great that they would not break through it. And behind these the infantry will be able to follow, quite uninjured and unimpeded.

7. Also, should the need arise, I will make cannon, mortar and light ordnance of very beautiful and functional design that are quite out of the ordinary.

8. Where the use of cannon is impracticable, I will assemble catapults, mangonels, trebuchets and other instruments of wonderful efficiency not in general use. In short, as the variety of circumstances dictate, I will make an infinite number of items for attack and defence.

9. And should a sea battle be occasioned, I have examples of many instruments which are highly suitable either in attack or defence, and craft which will resist the fire of all the heaviest cannon and powder and smoke.

10. In time of peace I believe I can give as complete satisfaction as any other in the field of architecture, and the construction of both public and private buildings, and in conducting water from one place to another.

Also I can execute sculpture in marble, bronze and clay. Likewise in painting, I can do everything possible as well as any other, whosoever he may be.

Moreover, work could be undertaken on the bronze horse which will be to the immortal glory and eternal honour of the auspicious memory of His Lordship your father, and of the illustrious house of Sforza.

And if any of the above-mentioned things seem impossible or impracticable to anyone, I am most readily disposed to demonstrate them in your park or in whatsoever place shall please Your Excellency, to whom I commend myself with all possible humility.

Leonardo da Vinci

Ex. 5 — IDEA survey

Complete the IDEA survey and get a +2 bonus on the final assignment grade.

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