Jame:	

13) What is a programming bug?

It is an error in the code.

14) What is a program?

Sequence of instructions that a computer can execute

15) Give examples of two Input/Output devices used in computers?

Input -> Key board

output - moniter

16) What is the name of the communication protocol used in Internet?

TCP/1P

17) Write the entire HTML file to produce a Web page that includes the following elements:

- The background color of the page should be green.
- The **title** of the page should be "My Dream Garden"
- The **heading** on the page should say "Jane's Dream Garden" (use your own name!)
- Write a (short) paragraph about your dream garden.
- List (using numbers, not bullets) 3-4 features that you would like to have in your garden.
- Include a picture of a flower. The picture is stored in a file called flower.gif
- Include a link to <a href="http://www.gardens.com">http://www.gardens.com</a>

<html>
<head>
<t++le> by Dream Garden </t+le>
</head>

<!i> Roses </!i> </!> Cli> Daisies </!i> </!> </!> </!>

1/017

<img src = "flower.gif"/>
<q href = "http://www.gardensrus.com"> Gardens R Us!</a>

</body>

Name:	

6) Describe what an Interpreter is and a Compiler is and how they work. compiler -> converts source code of a program to machine language. interpreter -> reads instructions in a language & decodes on them one at a

7) What is an algorithm? What is used for?

Set of rules specifying how to solve a problem. It is used for solving problems.

8) What are the basic parts of a computer according to Von Neumann Architecture?

9) How many bits is a byte?

X

10) Fill in the gaps in the table below.

Binary	Decimal
10010	18
1011	11

11) What is the difference between Machine languages and High Level Programming machine language + binary form of instructions that a computer con run. language - a programming language with strong abstraction of the computer. from the details 12) What is a data type? Give two examples.

a data type + a classification identifying one of various types of e.g. integer, Boolean data.

Instructor: Dogan

## Corc 1312 Fall 2010 EXAM 1

Questions 1-16 (except Question 10) are worth 5 points each. Question 10 is worth 10 points and Question 17 is worth 15 points.

Important notice: You can answer all questions using your own words.

1) What is the difference between a search engine and a subject directory?	C/ 8i man A
3). Subject directory ove lists of websites organized according	to subject matter
Search engine is a clockabase of websites that a user	Searches for a
Particular topic.	

2) Explain using your own words what is an ASCII table?

ASCII table has ASCII codes that represent text in computers, It is a Character-encoding scheme based on the ordering of the English alphabet

3) What is the difference between a URL and a IP address? Give an example of each.

URL , address of a web page e.g. http://www.google.com

IP address ) a unique number which identifies a computer connected
to Internet. e.g. 212.46.230.229

4) What is Hardware and what is Software? Give two examples.

hardware -> physical components of a computer e.g: keyboard software -> digitally stored data such as computer programs.

e.g. Office Software

5) What is the difference between a LAN and a WAN? Explain both using your own words.

LAN is a local area network

WAN is a wide area network

A wan connect multiple LANS or individual computers located in different geographic areas whereas LAN is a network ravering a small area such as an affice,