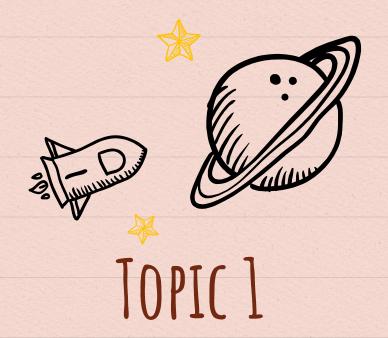


# LEARNING OUTCOMES

By the end of the lesson, the students are expected to be able to use appropriate English to:

- x identify and explain kinds of programming languages.
- x report screen messages using reported speech form.



**Programming Languages** 

# PROGRAMMING LANGUAGE

What programming languages do you know?

How did you learn them? At class? At a course?

By yourself?

Were they easy to learn? Why? Why not?

What are their functions?

# VOCABULARY: EXERCISE 12

**Directions**: Find 10 words about Programming.

F	Н	С	G	Υ	В	U	G	S	F	R
L	S	0	1.0	R	Α	H	M	E	Α	E
0	R	M	G	R	S	M	C	Z	D	Р
W	L	Р	X	Υ	1.0	0	M	0	C	Α
C	P	1	G	R	C	M	C	F	Α	S
Н	R	L	S	S	Α	0	M	E	L	С
Α	C	E	G	P	Α	M	В	L	Z	Α
R	D	R	G	R	Α	Q	M	0	R	L
Т	C	0	1.0	E	Α	M	C	U	L	G
0	R	T	D	E	В	U	G	G	E	R
Р	R	0	G	R	Α	M	M	E	R	0
	F L O W C H A R T O P	L S O R W L C P H R A C R D T C	L S O O R M W L P C P I H R L A C E R D R T C O O R T	L S O I O R M G W L P X C P I G H R L S A C E G R D R G T C O I O R T D	L S O I R O R M G R W L P X Y C P I G R H R L S S A C E G P R D R G R T C O I E	L S O I R A O R M G R S W L P X Y I C P I G R C H R L S S A A C E G P A R D R G R A T C O I E A O R T D E B	L S O I R A H O R M G R S M W L P X Y I O C P I G R C M H R L S S A O A C E G P A M R D R G R A Q T C O I E A M O R T D E B U	L S O I R A H M O R M G R S M C W L P X Y I O M C P I G R C M C H R L S S A O M A C E G P A M B R D R G R A Q M T C O I E A M C O R T D E B U G	L S O I R A H M E O R M G R S M C Z W L P X Y I O M O C P I G R C M C F H R L S S A O M E A C E G P A M B L R D R G R A Q M O T C O I E A M C U O R T D E B U G G	L S O I R A H M E A O R M G R S M C Z D W L P X Y I O M O C C P I G R C M C F A H R L S S A O M E L A C E G P A M B L Z R D R G R A Q M O R T C O I E A M C U L O R T D E B U G G E

### READING: EXERCISE 13 AND 14

Directions: Read the text carefully and answer the following questions.

#### Computer Languages

Unfortunately for us, computers can't understand spoken English or any other natural language. The only language they can understand directly is machine code which consists of 1s and 0s (binary code).

Machine code is too difficult to write. For this reason, we use symbolic language to communicate instructions to the computer. For example, assembly languages use abbreviations such as ADD, SUB, MPY to represent instructions. The program is then translated into machine code by a piece of software called an assembler. Machine code and assembly languages are called low-level languages because they are closer to the hardware. They are quite complex and restricted to particular machines. To make the programs easier to write and to overcome the problem of intercommunication between different types of computer, software developers designed high-level languages, which are closer to the English language. Here are some examples:



# CONCLUSION

**Kinds of Programming** 

1.	1.	
2.	2.	
3.	3.	

**Functions:** 

## CONCLUSION

Explain these following words:

machine code assembler

assembly language interpreter/compiler

low-level language mark up language

high-level language mark up tags



Grammar Study: Reporting Screen Message

#### HAVE YOU EVER SEEN THIS MESSAGE?

There is a sentence/statement:

"Your Windows 7 PC is out of support".

What does it mean?

Your Windows 7 PC is out of support

As of familiary 34, 2020, support for Windows 7 has come to an end. Your PC is more remerable to viruse and manuser due to:

- No security updates

- No security updates

- No tech support

Microsoft strongly recommends using Windows 25 on a new PC for the listed security features and protection against markings before sections.

Short name:

Femore are listed.

It means it informs you that your Windows 7 PC is out of support.

### WHAT ABOUT THIS MESSAGE?

There is a command:

"Please wait".

What does it mean?



It means that your computer requires you to wait.

#### THIS MESSAGE LIKELY ALSO OFTEN HAPPENS TO YOUR PC.

It is also a command, only it differs to the first it is a *prohibition*:

"Don't turn off your computer".

What does it mean?

Getting Windows ready Don't turn off your computer

It means it warns you not to turn off your computer.

#### WHAT ABOUT THIS?

It is a *question*: ["Do you] **allow** access to phone data?"

What does it mean?

It means the device asks your permission whether you allow access to phone data.

Allow access to phone data?

The connected device will be able to access data on this phone.

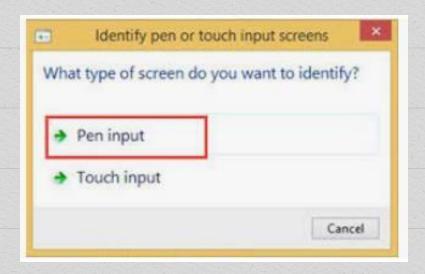
DENY ALLOW

#### ARE YOU FAMILIAR WITH THIS?

The screen message is also a question, only it is begun with Wh-question(What):

"What type of screen do you want to identify?"

What does it mean?



It means that it asks you what type of

screen you want to identify.

## REPORTING SCREEN MESSAGE/REPORTED SPEECH/INDIRECT SPEECH

#### **Reporting Screen Messages**

Study the examples of screen messages. Note how to report them. Pay attention to the italic words.

Please enter the number.

Type 999 to indicate end of data.

Do not attempt to log in. Printer is out of paper.

Do you want to exit? What is your password? How many copies do you want to copy? It requires you to enter a number. It tells you to type 999 to indicate the end of the data.

It tells you not to attempt to log on. It informs you that the printer is out of paper.

It asks you if/whether you want to exit. It asks you what your password is. It asks you how many copies you want to copy.

## ASSIGNMENTS

Do exercise 15 (for your own practice)

and on the LMS (for graded)



