## Welsh (solutions) <br> -Anand Natarajan

Below are given some sentences in the Welsh language ${ }^{1}$ along with their translations in English. Using these sentences, complete the assignments below. Remember to show your work.

1. Mae e'n siarad Cymraeg.
2. Oes cyfrifiadur gyda ti?
3. Mae hi wedi clywed yr araith.
4. Dw i'n dysgu Sbaeneg
5. Mae car newydd gyda hi.
6. Wyt ti wedi clywed y newyddion?
7. Mae Owain ar siarad.
8. Wyt ti'n astudio ffiseg.
9. Yw e'n bywta caws?
10. Dw i heb siarad.

He speaks Welsh.
Do you have a computer?
She has heard the speech.
I am learning Spanish.
She has a new car.
Have you heard the news?
Owain is about to speak.
You are studying physics.
Is he eating cheese?
I haven't spoken

Assignment 1: Translate the following sentences into Welsh:

1. Are you learning Welsh?
a. Wyt ti'n dysgu Cymraeg?
2. He has not studied Spanish.
a. Mae e heb astudio Sbaeneg.
3. She is listening to the news.
a. Mae hi'n clywed y newyddion.

Assignment 2: How are verb tenses expressed in Welsh?
In the given sentences, verb tenses are expressed not through endings on the verbs but through words called "tense markers" placed before the verb. Each of the given Welsh sentences has the following word order: Auxiliary Pronoun Tense Verb Object. The auxiliary verb and pronoun express the person and gender of the subject. The forms are:
Dw $i-1^{\text {st }}$ person singular
Wyt $t i-2^{\text {nd }}$ person singular
Mae $e-3^{\text {rd }}$ person singular masculine
Mae $h i-3^{\text {rd }}$ person singular feminine
The auxiliary also has a special form in the third person for questions $-y w$.

[^0]The tense markers are ' $n$ - present progressive ("I am doing"), wedi - perfect tense ("I have done"), $a r$ - future tense ("I am about to do"), heb - negation of wedi ("I have not done")

Assignment 3 (Extra credit): What do you think the word "gyda" might mean?
The word gyda literally means "with." Thus, the sentence Mae car newydd gyda hi literally means "There exists a new car with her." In this case, the auxiliary verb mae literally means "it exists." In this meaning, it has a special form used in questions - oes. This type of construction to express "have" is fairly common among the world's languages.


[^0]:    ${ }^{1}$ The Welsh language is a member of the Celtic branch of the Indo-European family. It is spoken by about 744,000 people in the United Kingdom and 25,000 in Argentina.

