

# Gamer's Language

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## CATEGORY: Cryptography

# Gamer's language

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My friend is a hardcore gamer and has been playing the infamous game **Genshin Impact** recently and has got addicted to it. So to communicate my idea of him in my mind I have started to send him messages that only he should understand. One of the initial messages which he couldn't decode what a **NOOB**.

The flag format is :- **IDC{<the message>}** and convert the spaces to underscores

 message.png

## STEP BY STEP SOLUTION

On opening the .png file provided we find something written in a strange language. With a quick google search we find that Genshin Impact uses different scripts for English characters. (src: [Language | Genshin Impact Wiki | Fandom](#))

On going through all the scripts used in the game we find one particular script to have characters that match the characters on the .png.

### Inazuman Script

Main article: [Inazuman Script](#)

The **Inazuman Script** (*unofficial name*) refers to the writing system of Inazuma.

The script is based on the Teyvat alphabet<sup>[2]</sup> and appears to be inspired by Japanese hiragana. It can be found written vertically from top-to-bottom, right-to-left, as with various traditional East Asian scripts, or it can be written horizontally. The glyphs used in the Inazuma script correspond to letters of the Latin alphabet instead of Japanese kana. The texts written in this script are



to-left, as with various traditional East Asian scripts, or it can be written horizontally. The glyphs used in the Inazuma script correspond to letters of the Latin alphabet instead of Japanese *kana*. The texts written in this script are based on romanized Japanese.

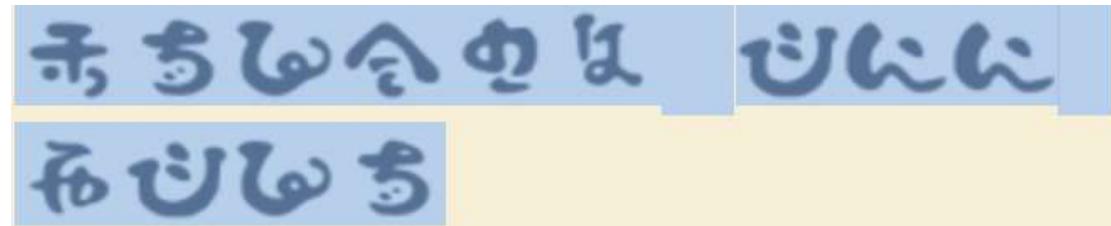
フ	ヅ	ヅ	ズ	ツ
P	O*	R	S	T
ヅ	ヴ	サ	タ	ミ
U	V*	W	X*	Y
ヅ	エ'	丨		
Z	S/Z*	I'		

Note: Letters may stand for their voiced/voiceless counterparts.  
 \*: Sometimes used for other letters  
 +: May be another form of S/Z  
 #: Possibly a phrase separator or another form of I

The Inazuman Alphabet

(more info: [Inazuman Script | Genshin Impact Wiki | Fandom](#))

Let's decode our message with this cheatsheet.



フ	ヅ	ヅ	ズ	ツ
A	B	C	D	E
ヅ	ホ	ヘ	ヒ	ヲ
F	G	H	I	J
ヲ	ト	ル	ヌ	ガ
K	L*	M	N	O
ホ	ヅ	ヅ	ズ	ツ
P	Q*	R	S	T
ヅ	ヴ	サ	タ	ミ
U	V*	W	X*	Y
ヅ	エ'	丨		
Z	S/Z*	I'		

Note: Letters may stand for their voiced/voiceless counterparts.  
 \*: Sometimes used for other letters  
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We find the message to be "FEMBOY\_AHH\_GAME"

**FLAG: IDC{FEMBOY\_AHH\_GAME}**