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	Langange Comprehension Assignment 2
9 3	A DO ON THE COURT OF THE PARTY
0)	Discuss the contribution of Br skinner & george
- 9/	Discuss the contribution of BF Skinner & George Niller to the emergence of the field of Psycholinguistic
1965	
<u> </u>	BF Stinner
<u> </u>	B.F. Skinner was an psychologist who was inskumental
12/11/11/11	in shaping the field of ps your linguistics. His
Pare	most notable gift to psycholinguistics is the
1 2 2	Theory of well behaviour. Medically
10	he claimed that humans learn language by
<u> 16. – 16</u>	observing others, i.e. language is a shill acquired
<u> </u>	by external environment and is not made.
<u> </u>	WELL VING THE THE WAY THE PARTY AND THE PARTY OF THE PART
	This theory promoted the research of understanding
in the	how Children learn language by Observation sund
1. 1	how keward and punishment affect me sunging
J	learning of an young mind. He claimed that
	if a child is rewarded for suggest a word,
. <u>11</u>	he/she is more likely to use that word regular
	The opposite nappens, if the she is painted for
	saying a word.
	when the test of the second in the state of the second
	BF Skinners work helped to establish behourousest
	approach to be language learning, and his work
1	Is still studied upon and us a found
le de	un this field.
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George Miller min min min min

phychologist. He has major contributions in the fields of language processing and cognitive psychology.

According George willer, language is professed processed heirarchically, i.e. small revits like sounds combine to form large units like sentence sounds themans percieve language in this heirarchical manner and this itself enables them to have an efficient understanding of the language according to miller.

His work also said that humans can keep about 7 items on an overage in their short teem memory and lasis on thes they get involved in conversations. This was his theory of short-term memory.

Apaet from cognitive psychology, Miller was some the first person to develop computer program. That understood natural human language He laid the basis for natural language programming.

On the whole, Millers work not only helped us understand how humans percieve language and get involved in conversations, but also helped us develop artificial intelligence programs that could understand human natural language.

8. Disaus the importance of the lexical Decision Task' experiments in the development of theories on language processing. Lexical Decision Tark is one of the most popular experiments used in psycholinguistics which has been inskumental in the divelopment theories on language processing. This experiment involves Showing a group of letters posed as a word to parlicipants to which they have to respond by to choosing whether on or not it is an actual word. The accuracy and response time are measured and rised to derive inference This experiment measures multiple aspects of language processing duch as succeptition of word, semantic processing etc. One of the most popular influences of this experiment is the discovery lexical frequency effect. Thes effect states that people keepend fast and accurately to words that are high used very frequently in genon general conversations (//dobt/(eg, door) as compared to those words that are used less frequently (eg j'enclosure). Through observation of this effect. it is infelled that low frequency words are processed differently on the lasis of their frequency use in an language. Another effect that has been found and to lonical Decision Task is "semantil princing effect". According to



this effect, people recognize a words faster and more accurately when the word is preceded by a related word. For eg, people recognize "pink" if it comes after "color" as compared to it coming after "computer". This effect goes to develop a there theory that suggests that humans process a words not just as a combination of lettere but as I a thing that the word means. This helped in the development of semantic language processing Through lexical decision task, researchers have been able to find the importance of contexto in language processing. There are words which have more than one meaning, say "bat" which means a wooden playing tool as as well Model word directs on obstructly the person to infer eas a pertitual meaning. percieve the target word "bat" is preceded by "cicket" we would think of it as wooden playing tool, while of it as flying animal. Hence, if a content is given, people kind to percieve the same word differently basis the content. Also, if some unrelated word say "door" preceded would percive one, both or nearing at all as the so words are conservally timeate unrelated. Hence, a the presence of contentually related word faciletes understanding of wary word when compared to the case of presence of contemually unrelated word.

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To summarize, larrical decision task has been akey inskument in the understanding of language processing and development of ite theories. This to has also helped in developing theories to understang the cognitive language processing.