Ch-2 Assignment Date

what is nem

Nem does not Stand for Mode backage manages. (Not specified) it is used to manage backage.

NPM bas 3 distinct Combonents

Cit website - disse to discover package,

setup profile etc

(iil CLI (commond Line Interface) - runs

from a terminal 8 is how don't

developer interact with npm

Civil registry: a large public database of

JS sathwars 8 meta info surrounding it.

19 abot is Posco/webpack ? why do we now it?

1 @ Parcel is beast"

states to song a sedicat or perome conjugate compact 20 that it is become conjugate compact 20 that it

Both three bundless seduce time it take for transfer of datas files from application

Both postsom lots of function or -

	(BAGAR)
Page	No.
Date_	
-	the state of the s

new lines, ony kind of block delimites & white spaces without effect undowndity of coder

Parcel! - protorm function:

Hmr

I=ilewatch Algorithm

Bundling

Cleaning aurcode

and

and

what is . Parcel-cache

coche toldes store intornation abart project

when parcel builds it, co that when it

rebuild, it doesn't have to reparte & re-analyze

encrything from scroth.

that's why it can be so fost in development make

What i's nex

5- exercte using new .

- exercte backage without installation

und is difference between dependencies.

p-13	Debendencies	ita (tap	deu De bendemies		
	A dependency is a		Deu Depondencies are the		
	TIPROSA TEM O		backage a developor mods		
	function effectively	1 5 10	during development		
	- if a backage	A) 5	As we install		
	goesuit appeada		a backage , ppm will automatically		
	module disectory		install the		
\parallel	then it willis		dev dependencies.		
	added added		ha irrore to the		
	The man 1:15 and		The same of the same		
11	these are librories	E 3	There dependencies may be needed at some		
	son ons coge.	Tay e	boint doxing development		
			Execution.		
	Commandit -		a de l'anne l'alle fiel de l'anne		
ļ	Pm-Po	No. 1	Commond! -		
	nem install [Pockosenan	0	npro install / packagerone x		
	A 1 = 1				

what is Tree Stoking? it is used to describe the removal of dood code it oclies on the impost and expost sal statement to detect it code modules exposted a imposted for use b/w Jetiles. - were use module bundless to outomotically remove and code when bundling multiple Js files in to single files. what is Hot module Replacement? HMR exchanges, adds or remove module while an application is runing without a full sclood. - Retain application state which is lost during full reload - cave valuable development time by only uplanting a hot changed - Instantly update browsers when modification are mode to CSS/JS in source code, which is almost composable to changing styles directly in browsers deutools. In possel! - it uses file works to keep update changes.

8

List down your formatide 5 Superpowers of Poncel and describe any of 3 them in your own sunds!

Ci/ HmR (ii) Image optimization

Ciii) Zeso Configuration

Civ/ Compatiable with older

version of browser

Cu/ minify/HTTPS onder

Cil HMR- Hot modules Replacement.

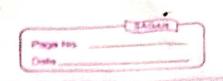
i- it keep update changes using file watches
it updates module in browners without needing a whole base retresh

Cii) Image obtinization!

Poscel also include locless image obtimization for JPEAR & PHAS by detault in boduction mode, which reduce & Size of images without affecting their quality

(iii) Compatiable with older boones

Pascel make abb composiable with place once by using browscolist.



and not odd into it

The gitigosop telle Git which files to ignore when committing project to Gittles sepository. It bushow is to ensure that costain files not tracked by Git remain untracked.

add to get committed.

- "those files which can be regencrated that can be added to gitignore" for ex-bakoge Ison

100

what is difference byw backage '7500

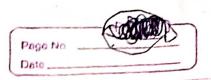
Pockage Jean: it Contains bosic information
about the project & mondatory for
Euroy project: Contain information such
as name, description, author, script &
dependencia:

Porkage late-350n:-it describes the exact treat

I tol was generated to allow subsequent

if majoriorn 16, exact





bockage-lock-json; - it is very impostant file, it looks the descion uses in project.

It help to identify which vers exact version we are using in project.

It contain name, dependencies & locked version of the project.

cuby I should not modify backage -lack. Ison

it is generated files its purpose is to track
the entire tree of dependencies a except
version of each dependency,
when their is Change in entire node restuly
backage lock I can out madically update itself

a good idea to bush that on git.

whatever we install it is no node module

Mo it is not good idea to bush on git

or it is heaviest boot because it has

all files that we have installed.

Since we have backage lock son file So, no

nerd to bush Moder module on git.

		Data				
<u>a</u>	what is 'dist' t	ulder				
H						
	It is dixectory where file will be stoped					
	That can be dixectly used by only by without					
	need to complie or minity the source code					
	that is being societed					
3						
€.¥	- keep file minity.					
080 080	word is brown	807/sts 7				
	- it make app compaliable with					
	older promes.					
	- Babel transforms JS code from futuristic codes					
	to code that is understandable by alder browsers					
	Via backage called brauserslist.					
1						
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- Ô	de Poscel	webback	Vi+c			
	150					
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	The same	output, loaders,	.'			
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