

EX.NO: 02

CENTRAL TENDENCY AND DATA DISPERSION MEASURES USING R-TOOL

```
names <- c("Rajan","Guna","velu","Anbu")
```

```
age <- c(22,24,35,32)
```

```
marks <- c(89,77,92,69)
```

```
fold <- data.frame(names,age,marks)
```

```
mean(fold$age)
```

```
write.csv(fold,"dump.csv")
```

The screenshot displays the RStudio environment with a data frame named 'dump' containing 4 rows and 4 columns. The columns are 'X', 'names', 'age', and 'marks'. The data is as follows:

X	names	age	marks
1	Rajan	22	89
2	Guna	24	77
3	velu	35	92
4	Anbu	32	69

The console shows the following commands and their outputs:

```
> mean(dump$age)
[1] 28.25
> median(dump$age)
[1] 28
> mode(dump$age)
[1] "numeric"
> summary(dump$age)
Min. 1st Qu. Median Mean 3rd Qu. Max.
22.00 23.50 28.00 28.25 32.75 35.00
> |
```

The Environment pane on the right shows the 'dump' object as a data frame with 4 observations of 4 variables. The 'Values' pane shows the data for 'age' (numeric) and 'marks' (numeric).