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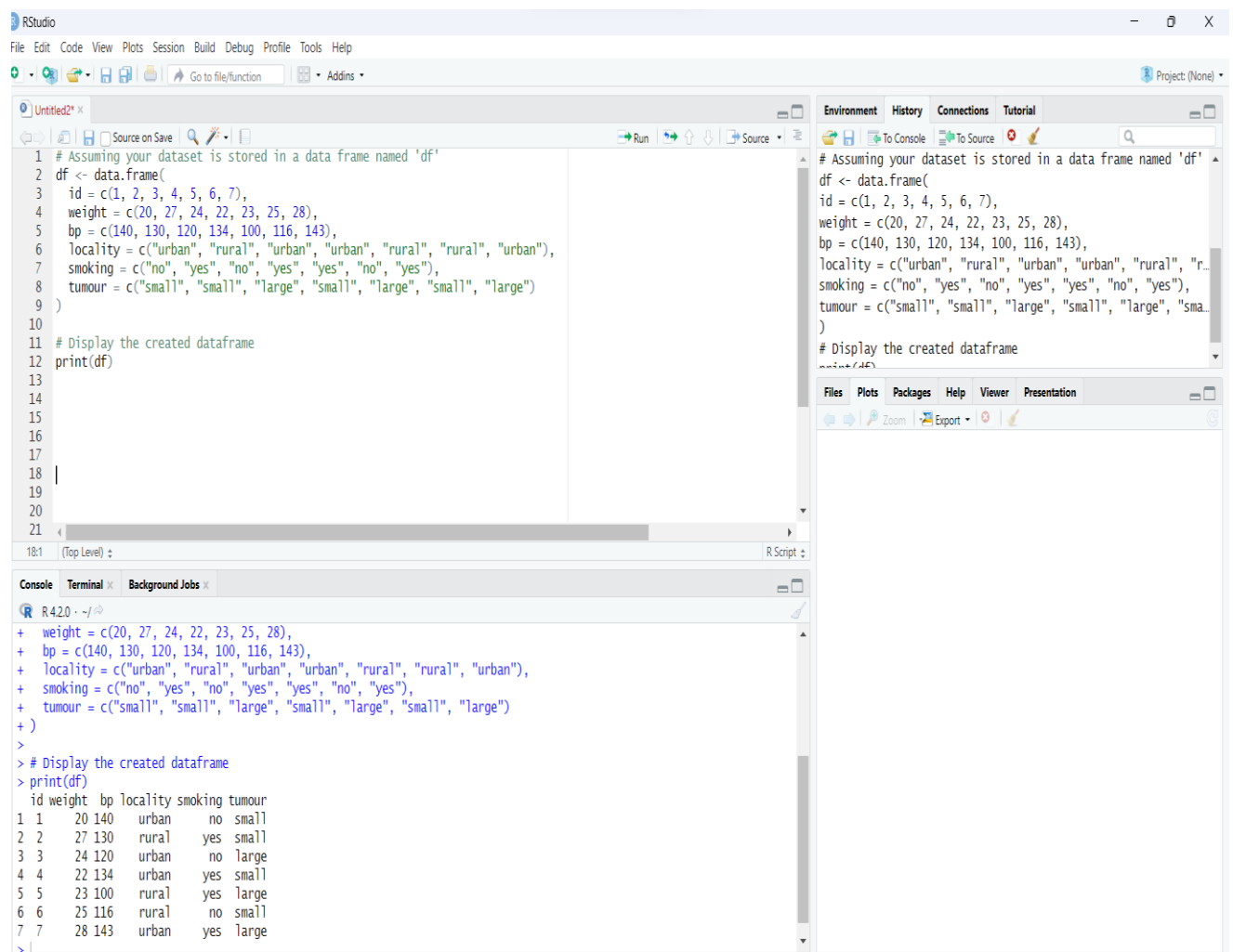
IBM SkillsBuild Micro Internship Data Science Assignment- 1

id	weight	bp	locality	smoking	tumour
1	20	140	urban	no	small
2	27	130	rural	yes	small
3	24	120	urban	no	large
4	22	134	urban	yes	small
5	23	100	rural	yes	large
6	25	116	rural	no	small
7	28	143	urban	yes	large

Assignment 1:

1) Please write the command to create data frame in R.

Ans



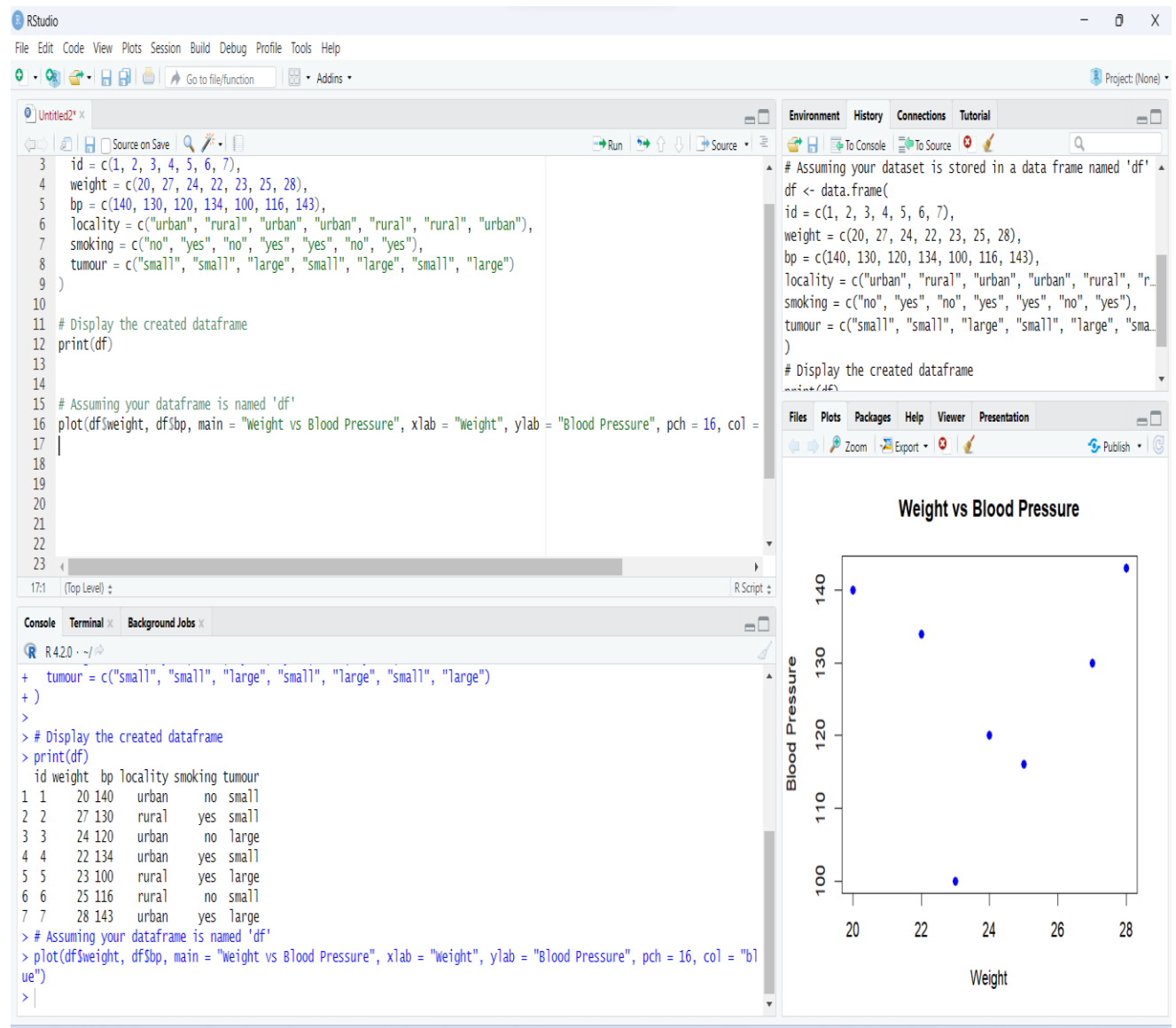
```
# Assuming your dataset is stored in a data frame named 'df'
df <- data.frame(
  id = c(1, 2, 3, 4, 5, 6, 7),
  weight = c(20, 27, 24, 22, 23, 25, 28),
  bp = c(140, 130, 120, 134, 100, 116, 143),
  locality = c("urban", "rural", "urban", "urban", "rural", "rural", "urban"),
  smoking = c("no", "yes", "no", "yes", "yes", "no", "yes"),
  tumour = c("small", "small", "large", "small", "large", "small", "large")
)

# Display the created dataframe
print(df)
```

```
R 4.2.0 ~ /
+ weight = c(20, 27, 24, 22, 23, 25, 28),
+ bp = c(140, 130, 120, 134, 100, 116, 143),
+ locality = c("urban", "rural", "urban", "urban", "rural", "rural", "urban"),
+ smoking = c("no", "yes", "no", "yes", "yes", "no", "yes"),
+ tumour = c("small", "small", "large", "small", "large", "small", "large")
+ )
>
> # Display the created dataframe
> print(df)
  id weight  bp locality smoking tumour
1  1    20 140   urban     no   small
2  2    27 130    rural    yes   small
3  3    24 120   urban     no   large
4  4    22 134   urban    yes   small
5  5    23 100    rural    yes   large
6  6    25 116    rural     no   small
7  7    28 143   urban    yes   large
```

Q2) Please write the command for plotting the graph between weight and bloodpressure.

Ans



Q3) Please write the command for creating stacked chart between smoking and tumour.

Ans

