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' program that display marksheet in proper format
' we are assumming 7 subject only
' Subject: English, Mathematics, Nepali, Science,
Social, Computer Science, Optional Mathematics
PRINT ' to display gap from top
COLOR 4
PRINT "----- "
PRINT "QBASIC | Marksheet | Birendra Bohara "
PRINT "----- "
COLOR 7
' declaration of array to store marks and othter
variables
DIM marks(7)
DIM grade$(7)
DIM subjects$(7)
LET total = 0: LET k = 0

' reading the marks of 7 subjects
FOR i = 0 TO 6
    READ marks(i)
NEXT i
DATA 75,65,50,78,80,65,95
```

```
' reading the 7 subjects names
FOR i = 0 TO 6
    READ subjects$(i)
NEXT i

DATA
"English","Mathematics","Nepali","Science","Social","Co
mputer Science","Optional Mathematics"


'calculating average
FOR i = 0 TO 6
    total = total + marks(i)
NEXT i


'calculating percentage
per = total / 7.0
```

```
'calculating the grade of individual subjects
FOR i = 0 TO 6
    IF marks(i) < 20 THEN
        grade$(i) = "E"
    ELSEIF marks(i) < 30 THEN
        grade$(i) = "D"
    ELSEIF marks(i) < 40 THEN
        grade$(i) = "D+"
    ELSEIF marks(i) < 50 THEN
        grade$(i) = "C"
    ELSEIF marks(i) < 60 THEN
        grade$(i) = "C+"
    ELSEIF marks(i) < 70 THEN
        grade$(i) = "B"
    ELSEIF marks(i) < 80 THEN
        grade$(i) = "B+"
    ELSEIF marks(i) < 90 THEN
        grade$(i) = "A"
    ELSEIF marks(i) < 100 THEN
        grade$(i) = "A+"
    END IF
NEXT i
```

```

' displaying the marksheet in proper format

PRINT

PRINT

PRINT "-----
_"

COLOR 2

PRINT "Subjects"; TAB(25); "Marks Obtained"; TAB(45);
"Grade"

COLOR 7

PRINT "-----
_"

FOR i = 0 TO 6

    PRINT subjects$(i); TAB(28); marks(i); TAB(47);
grade$(i)

NEXT i

PRINT "-----
_"

COLOR 1

PRINT TAB(21); "Total:"; total

PRINT TAB(21); "Percentage: ";

COLOR 3

PRINT USING "##.##"; per

END

```

QBASIC : Marksheet : Birendra Bohara		
Subjects	Marks Obtained	Grade
English	75	B+
Mathematics	65	B
Nepali	50	C+
Science	78	B+
Social	80	A
Computer Science	65	B
Optional Mathematics	95	A+
Total: 508		
Percentage: 72.57		
Press any key to continue		