



Analyze Infotech

Subject: Java Programming

Assignment code: Java1.1

Question 1: One feet=12.0 inches, one inch=2.54 centimeters, write a program to compute inches and feet of input value (in cms).

Question 2: the following table shows the employee code and percentage of bonus for value of Basic Pay.

Employee Code	Bonus
100	5
200	1
300	2
400	25

Write the Switch statement to find the bonus for the employee code.

Question 3: Write a program get the input mark from user through keyboard check the following condition.

If Mark<40 – Fail, > 50 – good, >75 - very good, >90.

Question 4: Write a program to get the month number from the user (1...12), print the name of the month, If input is > 12 then print "Hey! That's not a valid month".

Question 5: Write a program to find sum of all Prime Numbers in range of 1 to n (n is input by key board).

Question 6: Compare and contrast while and do – while with Example.

Question 7: the numbers 153,370,371 has special property. The sum of cubes of the individual digits gives the same number. Write a program to find the Armstrong number from 100 to n.

Question 8: A frog starts climbing 30 ft well. Each hour frog climbs 3 ft and slip back 2 ft. How many hours does it take him to reach top and get out. Implement this using Program.

Question 9: Write a program to find the sum of digit.

Question 10: What is Type Casting? Give example.

Question 11: what will be the output of the following code?

```
Class ABC
{
    Public static void main(String args[] )
    {
        int i, j;
        outer:
        for (i=0;i<3;i++)
        {
            inner: for (j=0;j<3;j++)
            {
                if(j == 2)
                    continue outer;
                System.out.println ("i"+i+"j"+j); } }
    }
```


