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/* Questo programma determina se un valore è un multiplo di X */
    #include <stdio.h>
    int multiple(int);
    main()
       int y;
       printf("Enter an integer between 1 and 32000: ");
       scanf("%d", &y);
       if (multiple(y))
          printf("%d is a multiple of X\n", y);
          printf("%d is not a multiple of X\n", y);
       return 0:
                             512361866, 32 16 8 4
     int multiple(int num)
        int i, mask = 1, mult = 1;
        for (i = 1; i \le 10; i++, mask \le 1)
           if ((num & mask) != 0) {
             mult = 0;
             break;
         return mult;
10.20 Che cosa farà il programma seguente?
      #include <stdio.h>
      int mystery(unsigned);
      main()
        unsigned x;
        printf("Enter an integer: ");
         scanf("%u", &x);
        printf("The result is %d\n", mystery(x));
        return 0;
                                                     int mystery(unsigned bits)
                                                     unsigned i, mask = 1 << 15, total = 0;
        for (i = 1; i <= 16; i++, bits <<= 1)
         if ((bits & mask) == mask)
              ++total;
        return total % 2 == 0 ? 1 : 0;;
```