

Algorithm

1. A print statement is created for console instructions
2. hDad is declared and initialized taking in user input while giving user instructions
3. adultHConvert1 is initialized by multiplication of hDad identifier and 12
4. hMom is declared and initialized taking in user input while giving user instructions
5. adultHConvert2 is initialized by multiplication of hDad identifier and 12
6. Gender is declared and initialized taking in user input for int
7. **IF** gender equals 1
8. **THEN** hBoy is declared and initialized from $((hMom * 13 / 12) + hDad) / 2$
9. convertedToInches declared and initialized from hBoy * 12
10. Print message sent to screen with hDad, hMom, and hBoy.
With desired height in feet and inches
11. **IF** gender equals 2
12. **THEN** hGirl is declared and initialized from $((hDad * 12 / 13) + hMom) / 2$
13. convertedToInches declared and initialized from hGirl * 12
14. Print message sent to screen with hDad, hMom, and hGirl.
With desired output in feet and inches

End