```
> gyroConvert(top,"TOP")
[1] "TOP RIGHT only by gyroscope    cor: 0.989962071712602"
[1] "TOP RIGHT only by acc    cor: -0.498487256127762"
[1] "TOP RIGHT caribrate by t0    cor: 0.98997788422784"
[1] "TOP RIGHT complementary    cor: 0.991799922002735"
[1] "TOP RIGHT lowpass TRUE complementary    cor: 0.992457484956936"
[1] "TOP RIGHT lowpass TRUE input complementary    cor: 0.98862375075088"



[1] "TOP FORWARD only by gyroscope    cor: 0.93717420141215"
[1] "TOP FORWARD only by acc    cor: -0.234582083223443"
[1] "TOP FORWARD caribrate by t0    cor: 0.939895616527987"
[1] "TOP FORWARD complementary    cor: 0.94287170563699"
[1] "TOP FORWARD lowpass TRUE complementary    cor: 0.9544127308087"
[1] "TOP FORWARD lowpass TRUE input complementary    cor: 0.938537089886377"



[1] "TOP UP only by gyroscope    cor: 0.974152025322194"
[1] "TOP UP only by acc    cor: -0.535421670804708"
[1] "TOP UP caribrate by t0    cor: 0.978573604231248"
[1] "TOP UP complementary    cor: 0.963804323526033"
[1] "TOP UP lowpass TRUE complementary    cor: 0.964677137498636"
[1] "TOP UP lowpass TRUE input complementary    cor: 0.973688032301998"



> gyroConvert(rightHand,"RIGHTHAND")
[1] "RIGHTHAND RIGHT only by gyroscope    cor: 0.671056912792922"
[1] "RIGHTHAND RIGHT only by acc    cor: -0.918694432486923"
[1] "RIGHTHAND RIGHT caribrate by t0    cor: 0.614593484100732"
[1] "RIGHTHAND RIGHT complementary    cor: 0.731476334285521"
[1] "RIGHTHAND RIGHT lowpass TRUE complementary    cor: 0.738427383073758"
[1] "RIGHTHAND RIGHT lowpass TRUE input complementary    cor: 0.682335489480706"



[1] "RIGHTHAND FORWARD only by gyroscope    cor: 0.905912907082282"
[1] "RIGHTHAND FORWARD only by acc    cor: -0.297767957733645"
[1] "RIGHTHAND FORWARD caribrate by t0    cor: 0.869758443644136"
[1] "RIGHTHAND FORWARD complementary    cor: 0.927777439605108"
[1] "RIGHTHAND FORWARD lowpass TRUE complementary    cor: 0.936766324610393"
[1] "RIGHTHAND FORWARD lowpass TRUE input complementary    cor: 0.913327894096948"



[1] "RIGHTHAND UP only by gyroscope    cor: 0.870086288409753"
[1] "RIGHTHAND UP only by acc    cor: -0.197480442621517"
[1] "RIGHTHAND UP caribrate by t0    cor: 0.889101920932976"
[1] "RIGHTHAND UP complementary    cor: 0.84534494172261"
[1] "RIGHTHAND UP lowpass TRUE complementary    cor: 0.815426921264567"
[1] "RIGHTHAND UP lowpass TRUE input complementary    cor: 0.839862028572592"



> gyroConvert(leftHand,"LEFTHAND")
```

```
[1] "LEFTHAND RIGHT only by gyroscope    cor: 0.864775374253951"
[1] "LEFTHAND RIGHT only by acc    cor: -0.869520778699546"
[1] "LEFTHAND RIGHT caribrate by t0    cor: 0.898639765400185"
[1] "LEFTHAND RIGHT complementary    cor: 0.870973229219363"
[1] "LEFTHAND RIGHT lowpass TRUE complementary    cor: 0.850828310732473"
[1] "LEFTHAND RIGHT lowpass TRUE input complementary    cor: 0.845109813261344"
```

```
[1] "LEFTHAND FORWARD only by gyroscope    cor: 0.835354620577211"
[1] "LEFTHAND FORWARD only by acc    cor: -0.407220274264503"
[1] "LEFTHAND FORWARD caribrate by t0    cor: 0.70670382899926"
[1] "LEFTHAND FORWARD complementary    cor: 0.843691398482066"
[1] "LEFTHAND FORWARD lowpass TRUE complementary    cor: 0.770016597354351"
[1] "LEFTHAND FORWARD lowpass TRUE input complementary    cor: 0.758169920539734"
```

```
[1] "LEFTHAND UP only by gyroscope    cor: 0.737773982103169"
[1] "LEFTHAND UP only by acc    cor: 0.269803782860622"
[1] "LEFTHAND UP caribrate by t0    cor: 0.794498320191728"
[1] "LEFTHAND UP complementary    cor: 0.734202962252593"
[1] "LEFTHAND UP lowpass TRUE complementary    cor: 0.713513845213197"
[1] "LEFTHAND UP lowpass TRUE input complementary    cor: 0.713240174351793"
```

```
> gyroConvert(leftPants,"LEFTPANTS")
[1] "LEFTPANTS RIGHT only by gyroscope    cor: 0.550054568489081"
[1] "LEFTPANTS RIGHT only by acc    cor: -0.755359692292526"
[1] "LEFTPANTS RIGHT caribrate by t0    cor: 0.222499826897776"
[1] "LEFTPANTS RIGHT complementary    cor: 0.591267421443421"
[1] "LEFTPANTS RIGHT lowpass TRUE complementary    cor: 0.566787000425987"
[1] "LEFTPANTS RIGHT lowpass TRUE input complementary    cor: 0.499866333346154"
```

```
[1] "LEFTPANTS FORWARD only by gyroscope    cor: 0.940414341861284"
[1] "LEFTPANTS FORWARD only by acc    cor: 0.774214283192544"
[1] "LEFTPANTS FORWARD caribrate by t0    cor: 0.835096055118707"
[1] "LEFTPANTS FORWARD complementary    cor: 0.938008954714943"
[1] "LEFTPANTS FORWARD lowpass TRUE complementary    cor: 0.932570769079629"
[1] "LEFTPANTS FORWARD lowpass TRUE input complementary    cor: 0.935510123805173"
```

```
[1] "LEFTPANTS UP only by gyroscope    cor: 0.921660245544116"
[1] "LEFTPANTS UP only by acc    cor: -0.943592359764524"
[1] "LEFTPANTS UP caribrate by t0    cor: 0.624301330222699"
[1] "LEFTPANTS UP complementary    cor: 0.929951644045192"
[1] "LEFTPANTS UP lowpass TRUE complementary    cor: 0.918460242603079"
```

```
[1] "LEFTPANTS UP lowpass TRUE input complementary    cor: 0.902487057460286"
```

```
> gyroConvert(rightPants,"RIGHTPANTS")
[1] "RIGHTPANTS RIGHT only by gyroscope    cor: 0.914283544947929"
[1] "RIGHTPANTS RIGHT only by acc    cor: -0.818716778020817"
[1] "RIGHTPANTS RIGHT caribrate by t0    cor: 0.906040539897213"
[1] "RIGHTPANTS RIGHT complementary    cor: 0.933490603610366"
[1] "RIGHTPANTS RIGHT lowpass TRUE complementary    cor: 0.936545336760781"
[1] "RIGHTPANTS RIGHT lowpass TRUE input complementary    cor: 0.907275185798937"
```

```
[1] "RIGHTPANTS FORWARD only by gyroscope    cor: 0.94285849587882"
[1] "RIGHTPANTS FORWARD only by acc    cor: -0.761630468065432"
[1] "RIGHTPANTS FORWARD caribrate by t0    cor: 0.923358110939394"
[1] "RIGHTPANTS FORWARD complementary    cor: 0.955134466533394"
[1] "RIGHTPANTS FORWARD lowpass TRUE complementary    cor: 0.951068369151814"
[1] "RIGHTPANTS FORWARD lowpass TRUE input complementary    cor: 0.94133362378109"
```

```
[1] "RIGHTPANTS UP only by gyroscope    cor: 0.603211972801235"
[1] "RIGHTPANTS UP only by acc    cor: 0.158090936208039"
[1] "RIGHTPANTS UP caribrate by t0    cor: 0.669984883920064"
[1] "RIGHTPANTS UP complementary    cor: 0.539375131035461"
[1] "RIGHTPANTS UP lowpass TRUE complementary    cor: 0.54858126572796"
[1] "RIGHTPANTS UP lowpass TRUE input complementary    cor:
0.556240834547246"
```